



TFT-LCD TV

Chassis GSM27SE
 GSM32SE
 GSM37SE
 GSM40SE

Model LE27S71B
 LE32S71B
 LE37S71B
 LE40S71B

SERVICE Manual

TFT-LCD TV



Fashion Feature

- Luxurious Slim Design
- Supreme Picture Quality
- Supreme Sound Quality
- Supreme Convenience Quality
- Convenience for Users



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Samsung Electronics Co., Ltd.
416, Maetan-3Dong, Yeongtong-Gu, Suwon City,
Gyeonggi-Do, Korea, 443-742
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1 Precautions

Follow these safety, servicing and ESD precautions to prevent damage and to protect against potential hazards such as electrical shock.

1-1 Safety Precautions

1-1-1 Warnings

1. For continued safety, do not attempt to modify the circuit board.
2. Disconnect the AC power and DC Power Jack before servicing.

1-1-2 Servicing the LCD Monitor

1. When servicing the LCD Monitor Disconnect the AC line cord from the AC outlet.
2. It is essential that service technicians have an accurate voltage meter available at all times. Check the calibration of this meter periodically.

1-1-3 Fire and Shock Hazard

Before returning the monitor to the user, perform the following safety checks:

1. Inspect each lead dress to make certain that the leads are not pinched or that hardware is not lodged between the chassis and other metal parts in the monitor.
2. Inspect all protective devices such as nonmetallic control knobs, insulating materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
3. Leakage Current Hot Check (Figure 1-1):
WARNING: Do not use an isolation transformer during this test.

Use a leakage current tester or a metering system that complies with American National Standards Institute (ANSI C101.1, *Leakage Current for Appliances*), and Underwriters Laboratories (UL Publication UL1410, 59.7).

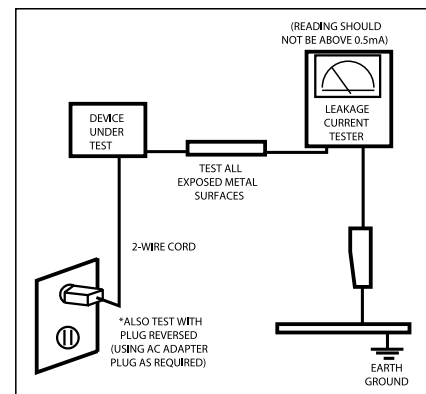


Figure 1-1. Leakage Current Test Circuit

1-1-4 Product Safety Notices

Some electrical and mechanical parts have special safety-related characteristics which are often not evident from visual inspection. The protection they give may not be obtained by replacing them with components rated for higher voltage, wattage, etc. Parts that have special safety characteristics are identified by ⚠ on schematics and parts lists. A substitute replacement that does not have the same safety characteristics as the recommended replacement part might create shock, fire and/or other hazards. Product safety is under review continuously and new instructions are issued whenever appropriate.

1 Precautions

1-2 Servicing Precautions

WARNING: An electrolytic capacitor installed with the wrong polarity might explode.

Caution: Before servicing units covered by this service manual, read and follow the Safety Precautions section of this manual.

Note: If unforeseen circumstances create conflict between the following servicing precautions and any of the safety precautions, always follow the safety precautions.

1-2-1 General Servicing

Precautions

1. Always unplug the unit's AC power cord from the AC power source and disconnect the DC Power Jack before attempting to:
(a) remove or reinstall any component or assembly, (b) disconnect PCB plugs or connectors, (c) connect a test component in parallel with an electrolytic capacitor.
2. Some components are raised above the printed circuit board for safety. An insulation tube or tape is sometimes used. The internal wiring is sometimes clamped to prevent contact with thermally hot components. Reinstall all such elements to their original position.
3. After servicing, always check that the screws, components and wiring have been correctly reinstalled. Make sure that the area around the serviced part has not been damaged.
4. Check the insulation between the blades of the AC plug and accessible conductive parts (examples: metal panels, input terminals and earphone jacks).
5. Insulation Checking Procedure: Disconnect the power cord from the AC source and turn the power switch ON. Connect an insulation resistance meter (500 V) to the blades of the AC plug.
The insulation resistance between each blade of the AC plug and accessible conductive parts (see above) should be greater than 1 megohm.
6. Always connect a test instrument's ground lead to the instrument chassis ground before connecting the positive lead; always remove the instrument's ground lead last.

1-3 Static Electricity Precautions

Some semiconductor (solid state) devices can be easily damaged by static electricity. Such components are commonly called Electrostatically Sensitive Devices (ESD). Examples of typical ESD are integrated circuits and some field-effect transistors. The following techniques will reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging wrist-strap device. To avoid a shock hazard, be sure to remove the wrist strap before applying power to the monitor.
2. After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of an electrostatic charge.
3. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ESDs.
4. Use only a grounded-tip soldering iron to solder or desolder ESDs.
5. Use only an anti-static solder removal device. Some solder removal devices not classified as anti-static can generate electrical charges sufficient to damage ESDs.
6. Do not remove a replacement ESD from its protective package until you are ready to install it. Most replacement ESDs are packaged with leads that are electrically shorted together by conductive foam, aluminum foil or other conductive materials.
7. Immediately before removing the protective material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.
Caution: Be sure no power is applied to the chassis or circuit and observe all other safety precautions.
8. Minimize body motions when handling unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting your foot from a carpeted floor can generate enough static electricity to damage an ESD.

1-4 Installation Precautions

1. For safety reasons, more than two people are required for carrying the product.
2. Keep the power cord away from any heat emitting devices, as a melted covering may cause fire or electric shock.
3. Do not place the product in areas with poor ventilation such as a bookshelf or closet. The increased internal temperature may cause fire.
4. Bend the external antenna cable when connecting it to the product. This is a measure to protect it from being exposed to moisture. Otherwise, it may cause a fire or electric shock.
5. Make sure to turn the power off and unplug the power cord from the outlet before repositioning the product. Also check the antenna cable or the external connectors if they are fully unplugged. Damage to the cord may cause fire or electric shock.
6. Keep the antenna far away from any high-voltage cables and install it firmly. Contact with the high-voltage cable or the antenna falling over may cause fire or electric shock.
7. When installing the product, leave enough space (10cm) between the product and the wall for ventilation purposes.
A rise in temperature within the product may cause fire.

1 Precautions

Memo

2 Product specifications

2-1 Fashion Feature

Supreme Digital Interface & Networking

-With a built-in HD digital tuner, it supports HD broadcasting with no particular set-top box and provides simple access with a single remote control.

Excellent Picture Quality

-DNIe technology provides life-like clear images.

Dynamic Contrast

-Automatically detects the input visual signal and adjusts to create optimum contrast.

SRS TruSurround XT

-SRS TruSurround XT provides a virtual Dolby surround system.

Convenience

-The TV utilizes the HDMI system to implement perfect digital sound and picture quality.

2-2 LE27S71B Specifications

| Item | Description | |
|---|---|----------------------|
| LCD Panel | LCD Panel : TFT-LCD Panel, RGB Vertical stripe, normally black, 27-Inch viewable, 0.1455(H)*0.4365(V)mm Pixel Pitch | |
| Scanning Frequency | Horizontal : 30 kHz ~ 61 kHz (Automatic) / Vertical : 60 Hz ~ 75 Hz (Automatic) | |
| Display Colors | 16.7M colors | |
| Maximum Resolution | Horizontal : 1360 Pixels Vertical : 768 Pixels | |
| Input Video Signal | Analog 0.7 Vp-p \pm 5% positive at 75 Ω , internally terminated | |
| Input Sync Signal | Type : Seperate H/V Level : TTL level | |
| Maximum Pixel Clock rate | 80 MHz | |
| Active Display Horizontal/Vertical | 596.3 mm / 335.2 mm | |
| AC power voltage & Frequency | AC 220 ~ 240 V, 60/50 Hz | |
| Power Consumption | 100 W < 1W | |
| Dimensions(W x D x H) Set | 769 x 226 x 526 mm(30.27 x 8.89 x 20.70 inches) After installation Stand 769 x 79 x 471 mm(30.27 x 3.11 x 18.54 inches) Without stand | |
| Weight Set(After installation Stand) | 10.4 kg (22.9 lbs) | |
| TV System | Tunning | Frequency Synthesize |
| | System | PAL, SECAM |
| | Sound | MONO, STEREO, NICAM |
| Environmental Considerations | Operating Temperature : 50°F ~ 104°F (10°C ~ 40°C) Operating Humidity : 10 % ~ 80 % Storage Temperature : -4°F ~ 113°F (-20°C ~ 45°C) Storage Humidity : 5 % ~ 95 % | |
| Antena Input | 75 Ω | |
| Sound Characteristic | -MAX Internal speaker Out : Right : 5W / Left : 5W -BASS Control Range : -8 dB ~ + 8dB -TREBLE Control Range : -8 dB ~ +8 dB -Headphone Out : 10 mW MAX -Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz | |

2-3 LE32S71B Specifications

| Item | Description | |
|---|---|----------------------|
| LCD Panel | TFT-LCD panel, RGB vertical stripe, normally white, 32-Inch viewable, 0.511 (H) x 0.511 (V) mm pixel pitch | |
| Scanning Frequency | Horizontal : 30 kHz ~ 61 kHz (Automatic) / Vertical : 60 Hz ~ 75 Hz (Automatic) | |
| Display Colors | 16,777,216 colors | |
| Maximum Resolution | Horizontal : 1360 Pixels Vertical : 768 Pixels | |
| Input Video Signal | Analog 0.7 Vp-p \pm 5% positive at 75 Ω , internally terminated | |
| Input Sync Signal | Type : Seperate H/V Level : TTL level | |
| Maximum Pixel Clock rate | 80 MHz | |
| Active Display Horizontal/Vertical | 556.4 mm / 339.8 mm | |
| AC power voltage & Frequency | AC 220 ~ 240V, 50 ~ 60 Hz | |
| Power Consumption | 152 W < 1W | |
| Dimensions(W x D x H) Set | 892.5 x 249 x 615 mm(35.13 x 9.8 x 24.21 inches)After installation Stand 892.5 x 82 x 544 mm(35.13 x 3.22 x 21.41 inches) Without stand | |
| Weight Set(After installation Stand) | 13.9 kg (30.6 lbs) | |
| TV System | Tunning | Frequency Synthesize |
| | System | PAL, SECAM |
| | Sound | MONO, STEREO, NICAM |
| Environmental Considerations | Operating Temperature : 50°F ~ 104°F (10°C ~ 40°C) Operating Humidity : 10 % ~ 80 % Storage Temperature : -4°F ~ 113°F (-20°C ~ 45°C) Storage Humidity : 5 % ~ 95 % | |
| Antena Input | 75 Ω | |
| Sound Characteristic | -MAX Internal speaker Out : Right : 5W / Left : 5W -BASS Control Range : -8 dB ~ + 8dB -TREBLE Control Range : -8 dB ~ +8 dB -Headphone Out : 10 mW MAX -Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz | |

2-4 LE37S71B Specifications

| Item | Description | |
|---|---|----------------------|
| LCD Panel | TFT-LCD panel, RGB vertical stripe, normally white, 37-Inch viewable, 0.511 (H) x 0.511 (V) mm pixel pitch | |
| Scanning Frequency | Horizontal : 30 kHz ~ 61 kHz (Automatic) / Vertical : 60 Hz ~ 75 Hz (Automatic) | |
| Display Colors | 16,777,216 colours | |
| Maximum Resolution | Horizontal : 1360 Pixels Vertical : 768 Pixels | |
| Input Video Signal | Analog 0.7 Vp-p \pm 5% positive at 75 Ω , internally terminated | |
| Input Sync Signal | Type : Seperate H/V Level : TTL level | |
| Maximum Pixel Clock rate | 80 MHz | |
| Active Display Horizontal/Vertical | 556.4 mm / 339.8 mm | |
| AC power voltage & Frequency | AC 220 ~ 240V, 50 ~ 60 Hz | |
| Power Consumption | 170 W < 1W | |
| Dimensions(W x D x H) Set | 800 x 252 x 602.5 mm(31.5 x 9.92 x 23.72 inches)After installation Stand 800 x 79.6 x 564 mm(31.5 x 3.13 x 22.20 inches) Without stand | |
| Weight Set(After installation Stand) | 14.8 kg (32.6 lbs) | |
| TV System | Tunning | Frequency Synthesize |
| | System | PAL, SECAM |
| | Sound | MONO, STEREO, NICAM |
| Environmental Considerations | Operating Temperature : 50°F ~ 104°F (10°C ~ 40°C) Operating Humidity : 10 % ~ 80 % Storage Temperature : -4°F ~ 113°F (-20°C ~ 45°C) Storage Humidity : 5 % ~ 95 % | |
| Antena Input | 75 Ω | |
| Sound Characteristic | -MAX Internal speaker Out : Right : 10W / Left : 10W -BASS Control Range : -8 dB ~ + 8dB -TREBLE Control Range : -8 dB ~ +8 dB -Headphone Out : 10 mW MAX -Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz | |

2-5 LE40S71B Specifications

| Item | Description | |
|---|---|----------------------|
| LCD Panel | TFT-LCD panel, RGB vertical stripe, normally white, 40-Inch viewable, 0.648(H) x 0.216(V) mm pixel pitch | |
| Scanning Frequency | Horizontal : 30 kHz ~ 61 kHz (Automatic) / Vertical : 60 Hz ~ 75 Hz (Automatic) | |
| Display Colors | 16,777,216 colors | |
| Maximum Resolution | Horizontal : 1360 Pixels Vertical : 768 Pixels | |
| Input Video Signal | Analog 0.7 Vp-p \pm 5% positive at 75 Ω , internally terminated | |
| Input Sync Signal | Type : Seperate H/V Level : TTL level | |
| Maximum Pixel Clock rate | 80 MHz | |
| Active Display Horizontal/Vertical | 556.4 mm / 339.8 mm | |
| AC power voltage & Frequency | AC 220 ~ 240V, 50 ~ 60 Hz | |
| Power Consumption | 205 W < 1W | |
| Dimensions(W x D x H) Set | 1100.5 x 330 x 732.5 mm(43.32 x 12.99 x 28.83 inches) After installation Stand 1100.5 x 95 x 661 mm(43.32 x 3.74 x 26.02 inches) Without stand | |
| Weight Set(After installation Stand) | 23.7 kg (52.2 lbs) | |
| TV System | Tunning | Frequency Synthesize |
| | System | PAL, SECAM |
| | Sound | MONO, STEREO, NICAM |
| Environmental Considerations | Operating Temperature : 50°F ~ 104°F (10°C ~ 40°C) Operating Humidity : 10 % ~ 80 % Storage Temperature : -4°F ~ 113°F (-20°C ~ 45°C) Storage Humidity : 5 % ~ 95 % | |
| Antena Input | 75 Ω | |
| Sound Characteristic | -MAX Internal speaker Out : Right : 10W / Left : 10W -BASS Control Range : -8 dB ~ + 8dB -TREBLE Control Range : -8 dB ~ +8 dB -Headphone Out : 10 mW MAX -Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz | |

2-6 Spec Comparison

| Model | LE26R51B / LE32R51B / LE40R51B | LE27S71B / LE32S71B / LE37S71B / LE40S71B |
|-------------------|---|---|
| Design |  |  |
| Frequency | | |
| Horizontal | 30 ~ 61 kHz | 30 ~ 61 kHz |
| Vertical | 60 ~ 75 Hz | 60 ~ 75 Hz |
| Display Color | 16,777,216 colors | 16,777,216 colors |
| PC Resolution | | |
| Maximum mode | WXGA, 1360 x 768 @ 60 Hz | WXGA, 1360 x 768 @ 60 Hz |
| Input Signal | | |
| Sync Signal | H/V Separate, TTL, P. or N. | H/V Separate, TTL, P. or N. |
| Video Signal | 0.7 Vp-p @ 75ohm | 0.7 Vp-p @ 75ohm |
| Power Consumption | | |
| Normal | 140W / 184W / 285W | 100W / 152W / 170W / 205W |
| Power Saving | < 1W | < 1W |

2-7 Option Specification

| Item | Item Name | Code.No | Remark |
|---|--|--|--------|
|  | Remote Control & Batteries (AAA x 2) | BN59-00507A | |
|  | Power Cord | 3903-000042 | |
|  | Cleaning Cloth | BN63-001798A | |
|  | Owner's Instructions | BN68-00983A | |
|  | Stand | 27" : BN90-01005A 32" : BN90-00967A 37" : BN90-00966A 40" : BN90-00966A | |
|  | Cover-Bottom | 27" : BN63-02415B 32" : BN63-02415B 37" : BN63-02416B 40" : BN63-02416B | |

Memo

3 Alignments and Adjustments

3-1 Service Instruction

1. Usually, a color TV-VCR needs only slight touch-up adjustment upon installation.
Check the basic characteristics such as height, horizontal and vertical sync.
2. Use the specified test equipment or its equivalent.
3. Correct impedance matching is essential.
4. Avoid overload. Excessive signal from a sweep generator might overload the front-end of the TV. When inserting signal markers, do not allow the marker generator to distort test result.
5. Connect the TV only to an AC power source with voltage and frequency as specified on the backcover nameplate.
6. Do not attempt to connect or disconnect any wire while the TV is turned on. Make sure that the power cord is disconnected before replacing any parts.
7. To protect against shock hazard, use an isolation transform.

3-2 How to Access Service Mode

3-2-1 Entering Factory Mode

1. To enter "Service Mode" Press the remote -control keys in this sequence :

- If you do not have Factory remote - control



- If you have Factory remote - control



- The buttons are active in the service mode.

1. Remote - Control Key : Power, Arrow Up, Arrow Down, Arrow Left

Arrow Right, Menu, Enter, Number Key(0~9)

2. Function - Control Key : Power, CH +, CH -, VOL +, VOL -,

Menu, TV/VIDEO(Enter)

3-2-2 Panel Check

Specially for LE26,32R7**, You have to check Panel Maker Because of different adjustments as follows.
First of all, Check the label rating!

1) Label Rating File



If Panel Mark is "A", Set the factory mode indicating as follows.

Panel BOM(Bill of material) : BN07-00289A

Connector between Panel and Power Unit
: BN39-00603M (300mm)

* Option Byte

1. Gamma "AUO"
2. Panel Option "AUO"

If Panel Mark is "S" or not printed.

Set the factory mode indicating as follows.

Panel BOM(Bill of material) : BN07-00247A
Connector between Panel and Power Unit
: BN39-00603M (300mm)

* Option Byte

1. Gamma "AMLCD"
2. Panel Option "AMLCD_INT"

If Panel Mark is "C" , Set the Factory mode indicating as follows.

Panel BOM(Bill of Material) : BN07-00207A
Connecotor between Panel and Powe Unit :
BN39-00659A(200mm)

* Option Byte

1. Gamma " CMO "
2. Panel Option " CMO "

Others are same shown below.

3-3 Factory Data

1. Calibration
 2. Option Table XXXX XXXX
 3. White Balance
 4. SVP-FX
 5. Option Block
 6. STV8257/STA323W
 7. YC Delay
 8. Adjust
 9. I2C Check
 10. W/B MOVIE
 11. Checksum
 12. Reset
 13. Spread Spectrum
 T-MILMPEU-1006 (Main Micom Ver)
 T-MILMPEUS-1002 (Sub Micom Ver)
 Month / Day / Year / Hour / Min. / Sec.

1. Calibration
 1) AV Calibration
 2) DTV Calibration
 3) PC Calibration

2. Option Table XXXX XXXX

| | | | | | |
|---------------|-----------|-----------------|---------|------------------|-------|
| Inch Option | 32" | Carrier Mute | ON | TTX Group | Auto |
| Gamma | OFF | Language | English | Auto Power | ON |
| Panel Option | AMLCD_INT | Auto FM | ON | ---- | OFF |
| 2HDMI | OFF | High Deviation | OFF | ---- | G |
| Brt.Sensor | OFF | TTX | ON | ---- | OFF |
| EnergySave | ON | TTX List | ON | Debug | OFF |
| LBE/FBE | OFF | ACR | OFF | Ch.Table | SUWON |
| FRC(Micronas) | OFF | Dynamic CE | ON | iDTV_Cntry | UK |
| FRC(Samsung) | OFF | Dynamic Dimming | ON | Dynamic Contrast | OFF |
| LNA | OFF | Tuner TOP | 10 | | |

3 Alignments and Adjustments

3. White Balance

| No | Item | Range | TV/AV | Component | PC | DVI/HDMI |
|----|----------------|-------|------------|------------|-----|------------|
| 1 | Sub-Brightness | 0~255 | 80 | 115 | 128 | 140 |
| 2 | R-Offset | 0~255 | 120 | 130 | 128 | 129 |
| 3 | G-Offset | 0~255 | 128 | 128 | 128 | 128 |
| 4 | B-Offset | 0~255 | 113 | 128 | 128 | 128 |
| 5 | Sub-Contrast | 0~63 | 36 | 32 | 32 | 28 |
| 6 | R-Gain | 0~255 | 140 | 129 | 128 | 130 |
| 7 | G-Gain | 0~255 | 128 | 128 | 128 | 128 |
| 8 | B-Gain | 0~255 | 150 | 129 | 128 | 120 |

4. SVP-EX

1. Comb Filter

| No | Item | Range | EEPROM | NTSC | PAL | SECAM | Control IC | Remark |
|----|----------|---------|--------|------|-----|-------|------------|--------|
| 1 | Y-Filter | 0 ~ 255 | | | 80h | | | x |

2. Peaking

| No | Item | Range | EEPROM | TV | AV | Component | Control IC | Remark |
|----|---------------|---------|--------|----|-----|-----------|------------|--------|
| 1 | V-Peaking | 0 ~ 255 | | | 80h | | | x |
| 2 | Peaking Delay | 0 ~ 255 | | | 80h | | | x |
| 3 | Peaking Gain | 0 ~ 255 | | | 80h | | | x |
| 4 | Peaking Width | 0 ~ 255 | | | 80h | | | x |
| 5 | Praking f0 | 0 ~ 255 | | | 80h | | | x |

3. NR

| No | Item | Range | EEPROM | TV/AV/S_Video | Component | PC | DVI/HDMI | Control IC | Remark |
|----|----------|---------|--------|---------------|-----------|----|----------|------------|--------|
| 1 | Y-NR-Off | 0 ~ 255 | | | 80h | | | | x |
| 2 | C-NR-Off | 0 ~ 255 | | | 80h | | | | x |
| 3 | Y-NR-ON | 0 ~ 255 | | | 80h | | | | x |
| 4 | C-NR-ON | 0 ~ 255 | | | 80h | | | | x |

4. Deinterlace

| No | Item | Range | EEPROM | TV/AV/S_Video | Component | PC | DVI/HDMI | Control IC | Remark |
|----|--------|---------|--------|---------------|-----------|----|----------|------------|--------|
| 1 | Motion | 0 ~ 255 | | | 80h | | | | x |

5. Picture Gain Adjust

| No | Item | Range | EEPROM | TV/AV/S_Video | Component | PC | DVI/HDMI |
|----|---------------------|----------|--------|------------------------------|-------------------------------|-----|----------|
| 1 | TCD3 Contrast | 0 ~ 255 | | AV Calibration(78h) | 78h | 78h | 78h |
| 2 | TCD3 Brightness | 0 ~ 255 | | AV Calibration(20h) | 20h | 20h | 20h |
| 3 | TCD3 CR Saturation | 0 ~ 255 | | 78h | 78h | 78h | 78h |
| 4 | TCD3 CB Saturation | 0 ~ 255 | | 78h | 78h | 78h | 78h |
| 5 | TCD3 YC Delay | 0 ~ 15 | | 00h | 00h | 00h | 00h |
| 6 | Analog Y offset | 00 ~ 255 | | 40h | 3 | 40h | 40h |
| 7 | Analog PB offset | 00 ~ 255 | | 80h | DTV Calibration(80h) | 80h | 80h |
| 8 | Analog PR offset | 00 ~ 255 | | 80h | DTV Calibration(80h) | 80h | 80h |
| 9 | Analog Y Gain | 00 ~ 255 | | D6h | DTV Calibration(D6h) | D6h | D6h |
| 10 | Analog PB Gain | 00 ~ 255 | | FEh | FEh | FEh | FEh |
| 11 | Analog PR Gain | 00 ~ 255 | | FEh | FEh | FEh | FEh |
| 12 | Black Level Setting | 00 ~ 255 | | | 00h | | |
| 13 | Brightness(SVP) | 0 ~ 255 | | | 00h | | |

5. MST9883

| No | Item | Range | EEPROM | TV/AV/S_Video | Component | PC | DVI/HDMI |
|----|----------|----------|--------|---------------|-----------|------------------------------|----------|
| 1 | R-Offset | 00 ~ 255 | | 151(SC1 RGB) | X | PC Calibration(128) | X |
| 2 | G-Offset | 00 ~ 255 | | 151(SC1 RGB) | | PC Calibration(128) | |
| 3 | B-Offset | 00 ~ 255 | | 151(SC1 RGB) | | PC Calibration(128) | |
| 4 | R-Gain | 00 ~ 255 | | 123(SC1 RGB) | | PC Calibration(192) | |
| 5 | G-Gain | 00 ~ 255 | | 123(SC1 RGB) | | PC Calibration(192) | |
| 6 | B-Gain | 00 ~ 255 | | 123(SC1 RGB) | | PC Calibration(192) | |

6. MSP34X0/44XX

| No | Item | Range | EEPROM | PAL |
|----|------------------|----------|--------|-----|
| 1 | FM-Prescale | 00 ~ 255 | | 20h |
| 2 | NT-M-Prescale | 00 ~ 255 | | 20h |
| 3 | SECAM-L-Prescale | 00 ~ 255 | | 22h |
| 4 | NICAM-Prescale | 00 ~ 255 | | 42h |
| 5 | AV-Prescale | 00 ~ 255 | | 1Ah |
| 6 | I2S_1 Prescale | 00 ~ 255 | | 10h |
| 7 | I2S_2 Prescale | 00 ~ 255 | | 10h |
| 8 | Carrier Mute | 00 ~ 255 | | 42h |
| 9 | Pilot High | 00 ~ 255 | | 14 |
| 10 | Pilot Low | 00 ~ 255 | | 7 |

7. YC Delay

| No | Item | Range | EEPROM | TV/AV/S_Video | Component | PC | DVI/HDMI |
|----|---------------|----------|--------|---------------|-----------|-----|----------|
| 1 | RF PAL-B/G | 00 ~ 255 | | 77h | 88h | 88h | 88h |
| 2 | RF PAL-D/K | 00 ~ 255 | | 88h | | | |
| 3 | RF PAL-I | 00 ~ 255 | | 66h | | | |
| 4 | RF SECAM-B/G | 00 ~ 255 | | 88h | | | |
| 5 | RF SECAM-D/K | 00 ~ 255 | | 77h | | | |
| 6 | RF SECAM-L/L' | 00 ~ 255 | | 88h | | | |
| 7 | RF NTSC3.58 | 00 ~ 255 | | 66h | | | |
| 8 | RF NTSC4.43 | 00 ~ 255 | | CCh | | | |
| 9 | AV PAL | 00 ~ 255 | | 77h | | | |
| 10 | AV SECAM | 00 ~ 255 | | 88h | | | |
| 11 | AV NTSC 3.58 | 00 ~ 255 | | 66h | | | |
| 12 | AV NTSC4.43 | 00 ~ 255 | | CCh | | | |
| 13 | AV PAL60 | 00 ~ 255 | | 77h | | | |

8. Adjust

| No | Item | Range | EEPROM | TV/AV/S-Video | Component | PC | DVI/HDMI | Control IC | Remark |
|----|---------------------|---------|--------|---------------|-------------------|----|----------|------------|---------------|
| 1 | Video Mute Time | | | 10 | | | | | |
| 2 | Melody Volume | 0 ~ 20 | | 5 | | | | | |
| | Ana Dimm Max | | | FEH | | | | | |
| 3 | TTX Contrast | 0 ~ 100 | | 50 | | | | | |
| 4 | TTX Brightness | 0 ~ 100 | | 50 | | | | | |
| 5 | TTX Color | 0 ~ 100 | | 50 | | | | | |
| 6 | Dynamic Contrast | 0 ~ 100 | | 100 | | | | | Dynamic mode |
| 7 | Dynamic Brightness | 0 ~ 100 | | 50 | | | | | |
| 8 | Dynamic Color | 0 ~ 100 | | 55 | | | | | |
| 9 | Dynamic Sharpness | 0 ~ 100 | | 75 | | | | | |
| 10 | Standard Contrast | 0 ~ 100 | | 80 | | | | | Standard mode |
| 11 | Standard Brightness | 0 ~ 100 | | 50 | | | | | |
| 12 | Standard Color | 0 ~ 100 | | 50 | | | | | |
| 13 | Standard Sharpness | 0 ~ 100 | | 50 | | | | | |
| 14 | Movie Contrast | 0 ~ 100 | | 70 | | | | | Movie mode |
| 15 | Movie Brightness | 0 ~ 100 | | 50 | | | | | |
| 16 | Movie Color | 0 ~ 100 | | 25 | | | | | |
| 17 | Movie Sharpness | 0 ~ 100 | | 45 | | | | | |
| No | Item | Range | EEPROM | TV/AV/S-Video | Component/PC/HDMI | | | Control IC | Remark |
| 1 | LNA PLUS | | | | | | | | |
| 2 | RFDB_1 Level | | | 1 | | | | | |
| 3 | RFDB_2 Level | | | 5 | | | | | |
| 4 | RFDB_3 Level | | | 10 | | | | | |
| 5 | RFDB_4 Level | | | 16 | | | | | |

9. I2C Check

10. Chip Debugger : OFF

11. Checksum XXXX XXXX

12. Reset

13. Spread Spectrum

| | | |
|---|----------|----|
| 1 | Spectrum | ON |
| 2 | Delta | -3 |
| 3 | Positive | 8 |
| 4 | Negative | 2 |

3 Alignments and Adjustments

3-4 Service Adjustment

3-4-1 White Balance - Calibration

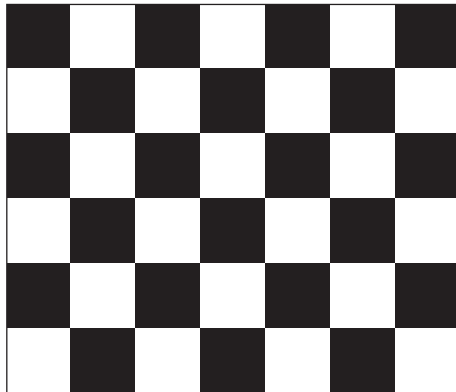
If picture color is wrong, do calibration first.

Equipment : CA210, Patten : chess pattern

Execute calibration in Factory Mode

Source AV : PAL composite, Component : 1280*720/60Hz

PC : 1024*768/60Hz



(chess patten)

3-4-2 White Balance - Adjustment

If picture color is wrong, check White Balance condition.

Equipment : CA210, Patten : Toshiba

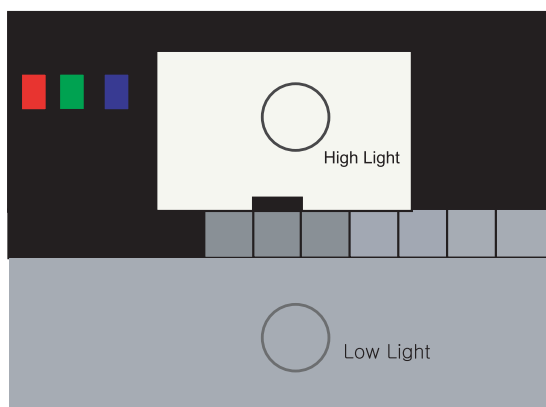
Adjust W/B in Factory Mode

Sub brightness and R/G/B Offset controls low light region

Sub contrast and R/G/B Gain controls high light region

Source AV : PAL composite, Component : 1280*720/60Hz

HDMI[DVI] : 1280*720/60Hz



[Test Pattern : MSPG-945 Series Pattern #16]

*Color temperature

1500K +/-500, -6 ~-20 MPCD

*Color coordinate

H/L : 267/263 +/- 2 35.0 Ft +/- 2.0Ft

L/L : 270/260 +/- 3 1.5 Ft +/- 0.2Ft

Toshiba Patten

3-4-3 Conditions for Measurement

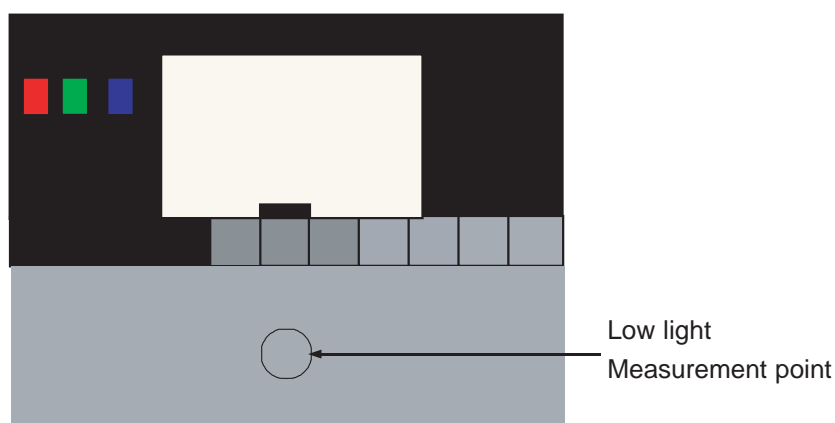
1. On the basis of toshiba ABL pattern : High Light level (57 IRE)
 - INPUT SIGNAL GENERATOR : MSPG-925LTH
 - * Mode NO 2 : 744X484@60 Hz
 - NO 6 : 1280X720@60 Hz
 - NO 21 : 1024X768@60 Hz
 - * Pattern NO 36 : 16 Color Pattern
 - NO 16 : Toshiba ABL Pattern
2. Optical measuring device : CA210 (FL)

Please use the MSPG-925 LTH generator for model LE26M51B/LE32M51B/LE40M51B/LE46M51B.

3-4-4 Method of Adjustment

1. Adjust the white balance of AV, Component and DVI Modes.
 - (AV → Component)
 - a) Set the input to the mode in which the adjustment will be made
(RF → DTV → PC → DVI).
 - * Input signal - VIDEO Mode : Model #2 (744*484 Mode), Pattern #16
 - DTV,DVI Mode : Model #6 (1280*720 Mode), Pattern #16
 - HDMI Mode: Model #6(1280*720 Mode), Pattern #16
 - b) Enter factory color control, confirm the data.
 - c) Adjust the low light. (Refer to table 1, 2 in adjustment position by mode)
 - Adjust sub - Brightness to set the 'Y' value.
 - Adjust red offset ('x') and blue offset ('y') to the color coordinates.

Picture 4-2 Toshiba ABL Pattern



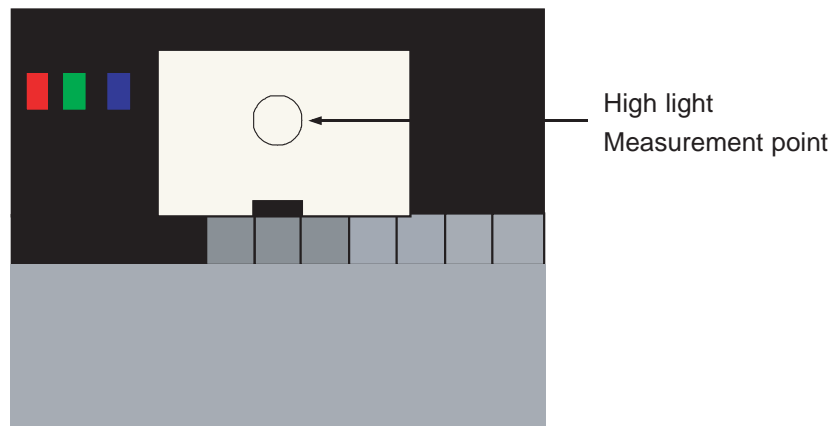
* Do not adjust green offset data.

- d) Adjust the high light. (Refer to table 1, 2 in adjustment position by mode)
 - Adjust red gain ('x') and blue gain ('y') to the color coordinates.
 - * Do not adjust the green gain and sub-contrast (Y) data.

3 Alignments and Adjustments

- d) Adjust the high light. (Refer to table 1, 2 in adjustment position by mode)
- Adjust red gain ('x') and blue gain ('y') to the color coordinates.
 - * Do not adjust the green gain and sub-contrast (Y) data.

Picture 4-3 Toshiba ABL Pattern



3-5 Software Upgrade

3-5-1 How to Update Flash ROM

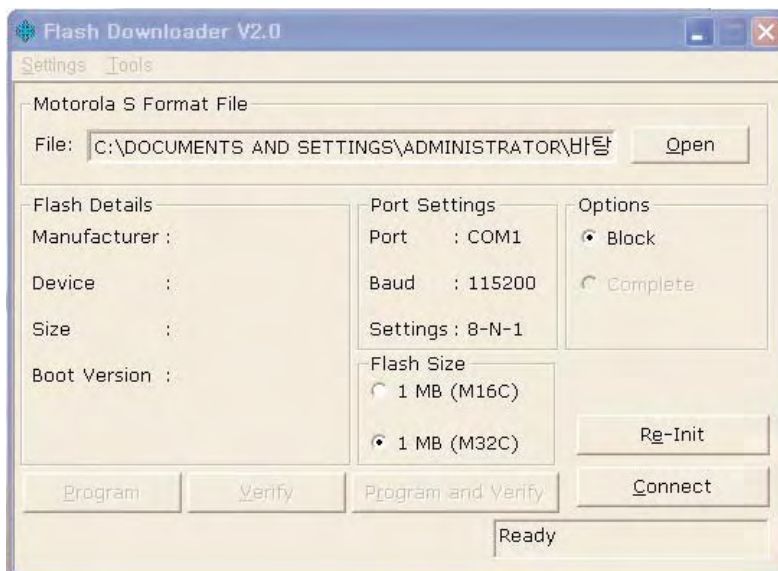
1. Install the Flash Downloader

Connect Set (Service Jack) and Jig Cable to execute Program Update.



2. Flash Downloader program update

- Before Turning on the set, Click "connect" which is under of OSD Screen!
- Turn on the Set.



Memo

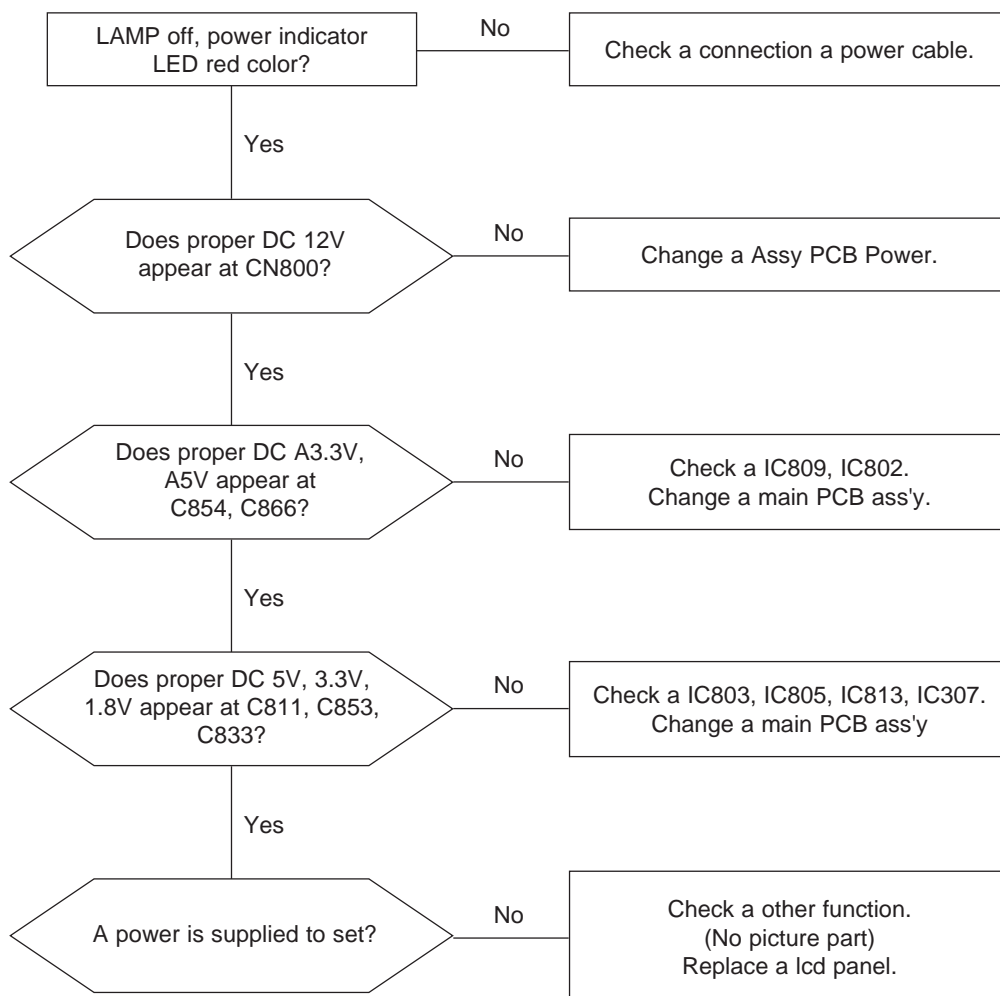
4 Troubleshooting

4-1 First Checklist for Troubleshooting

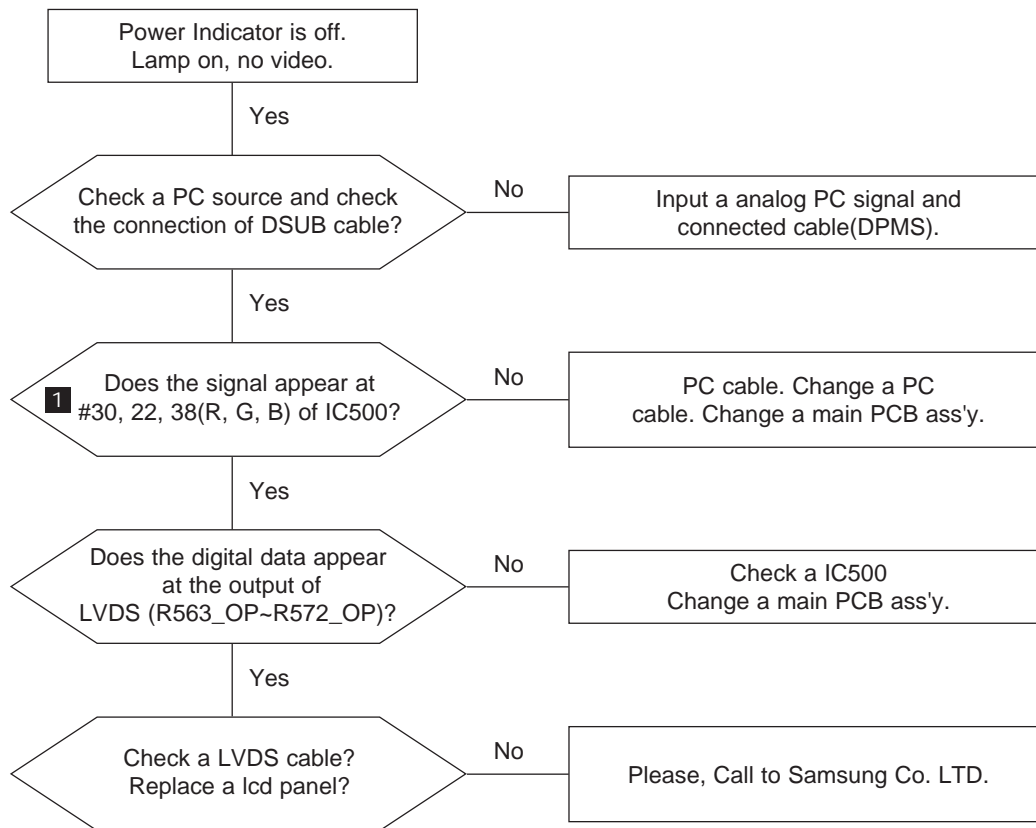
1. Check the various cable connections first.
 - Check to see if there is a burnt or damaged cable.
 - Check to see if there is a disconnected cable connection or a connection is too loose.
 - Check to see if the cables are connected according to the connection diagram.
2. Check the power input to the Main Board.
3. Check the voltage in and out between the SMPS ↔ Main Board, between the SMPS ↔ INVERTER Board, and between the Main LVDS Boards.

4-2 Checkpoints by Error Mode

4-2-1 No Power

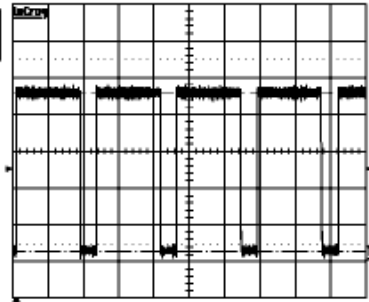


4-2-2 No Video (Analog PC)



WAVEFORMS

1 R,G,B Output Signal of IC500

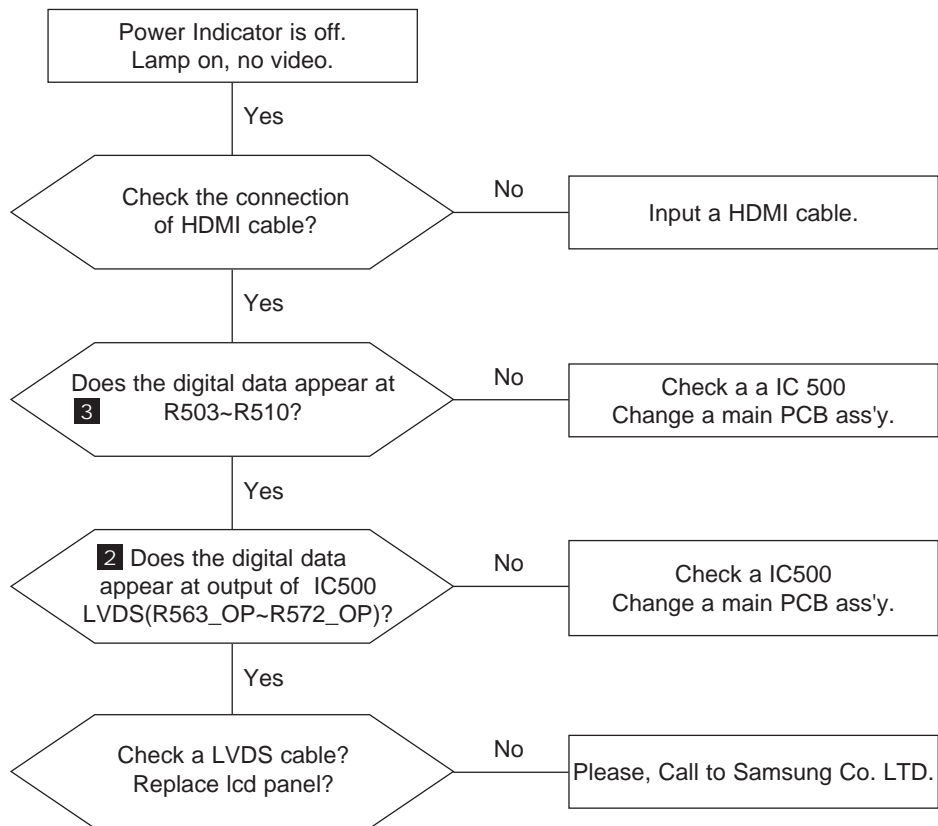
27-Sep-02
1:42:1910 μ s
200mV
652mV10 μ s1 20 mV DC $\frac{1}{2}$
2 1 V DC $\frac{1}{2}$
3 1 V DC $\frac{1}{2}$
4 1 V DC $\frac{1}{2}$ 

1 DC 0.492 V

1 65/s

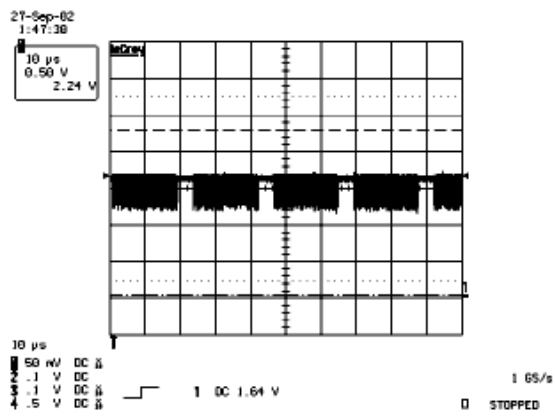
STOPPED

4-2-3 No Video (Digital-HDMI)

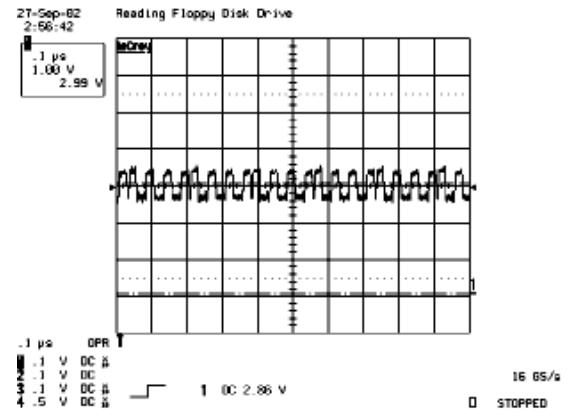


4 Troubleshooting

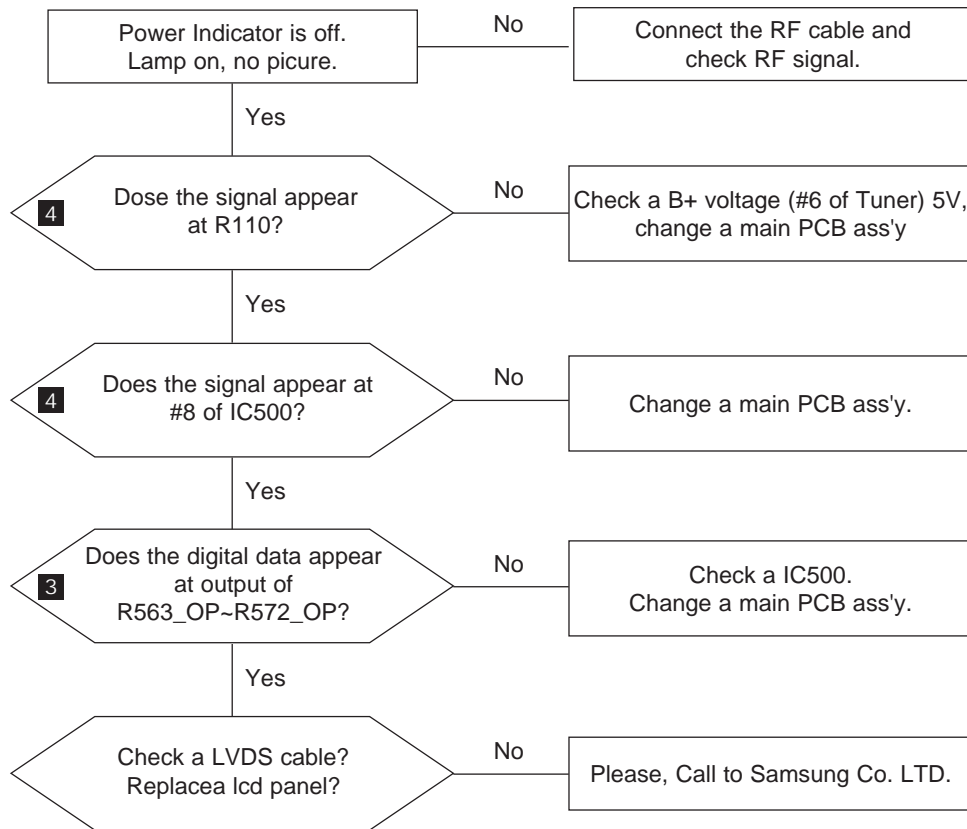
2 Digital Output Data of IC500



3 Signal of HDMI(Data)

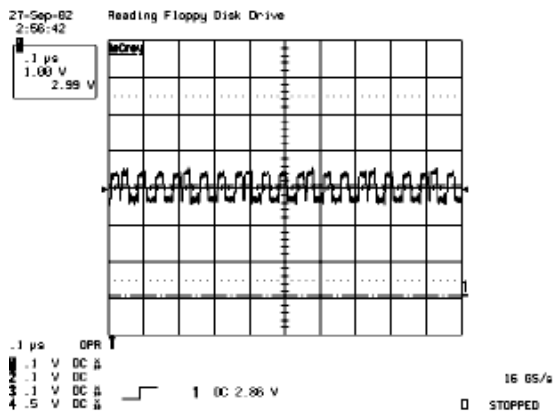


4-2-4 No Picture (Tuner_CVBS)

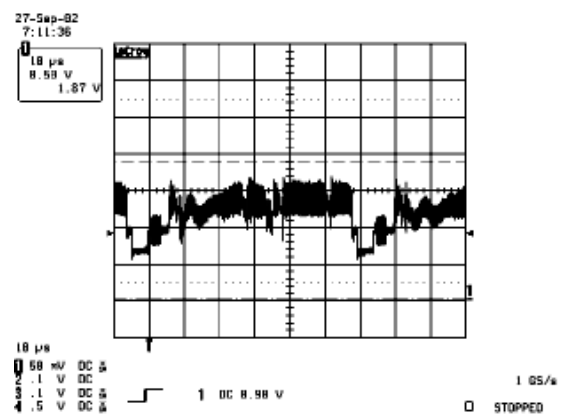


WAVEFORMS

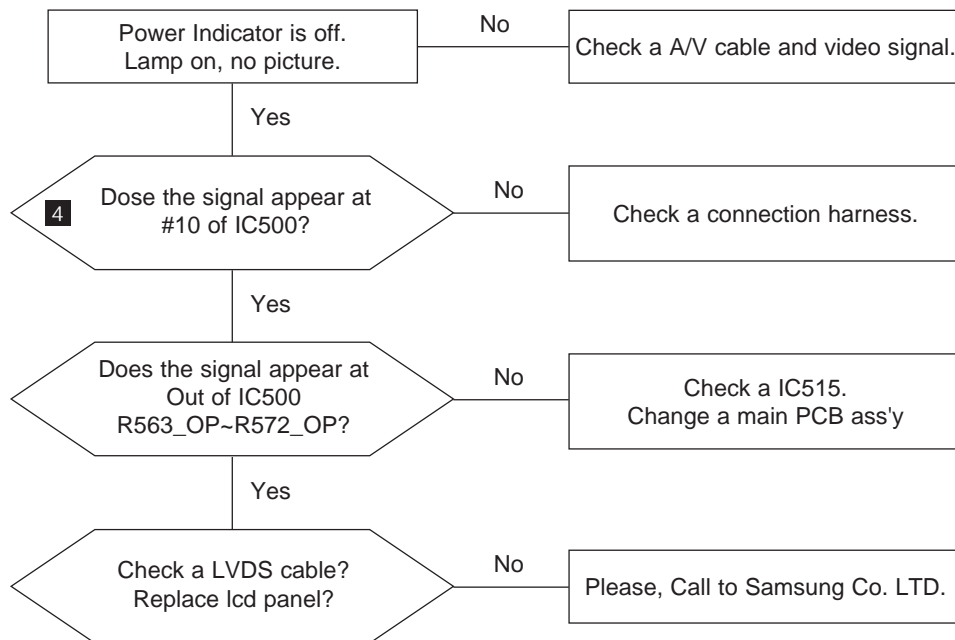
3 CVBS Output Signal



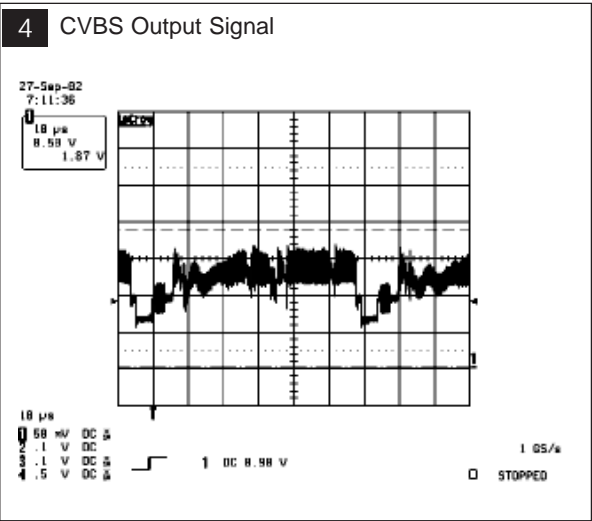
4 Tuner_CVBS Output Signal



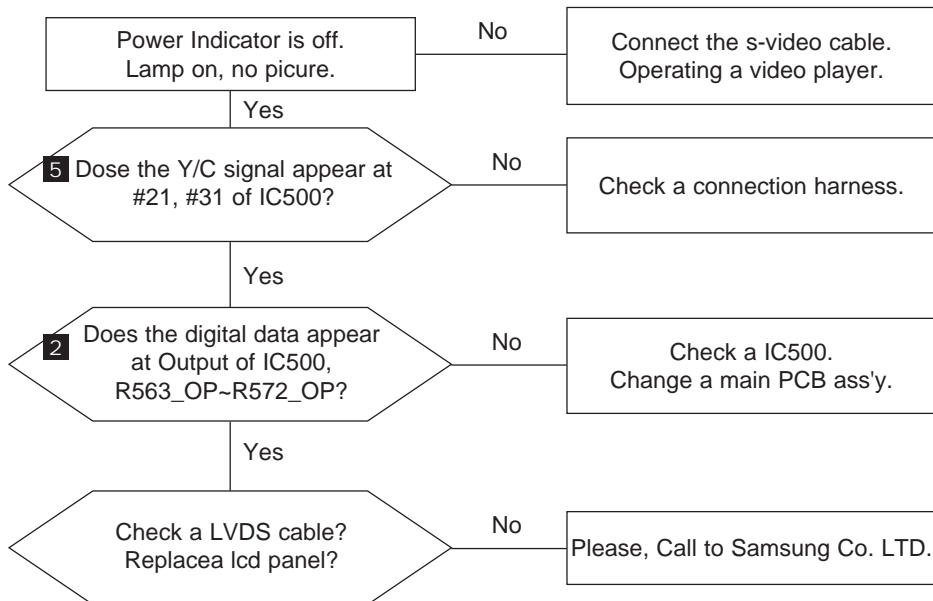
4-2-5 No Picture (Video_CVBS)



WAVEFORMS

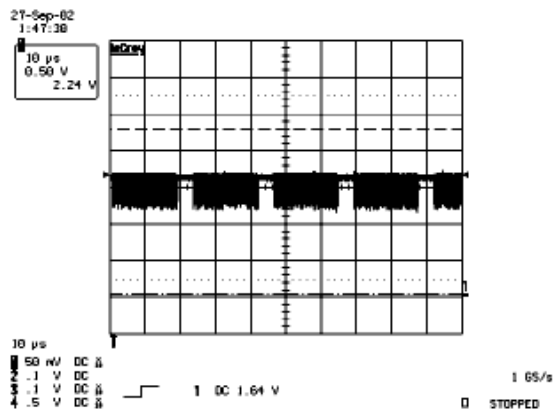


4-2-6 No Picture (S-VIDEO_Y,C)

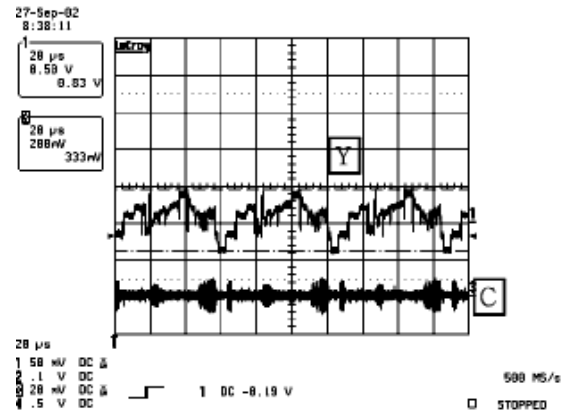


WAVEFORMS

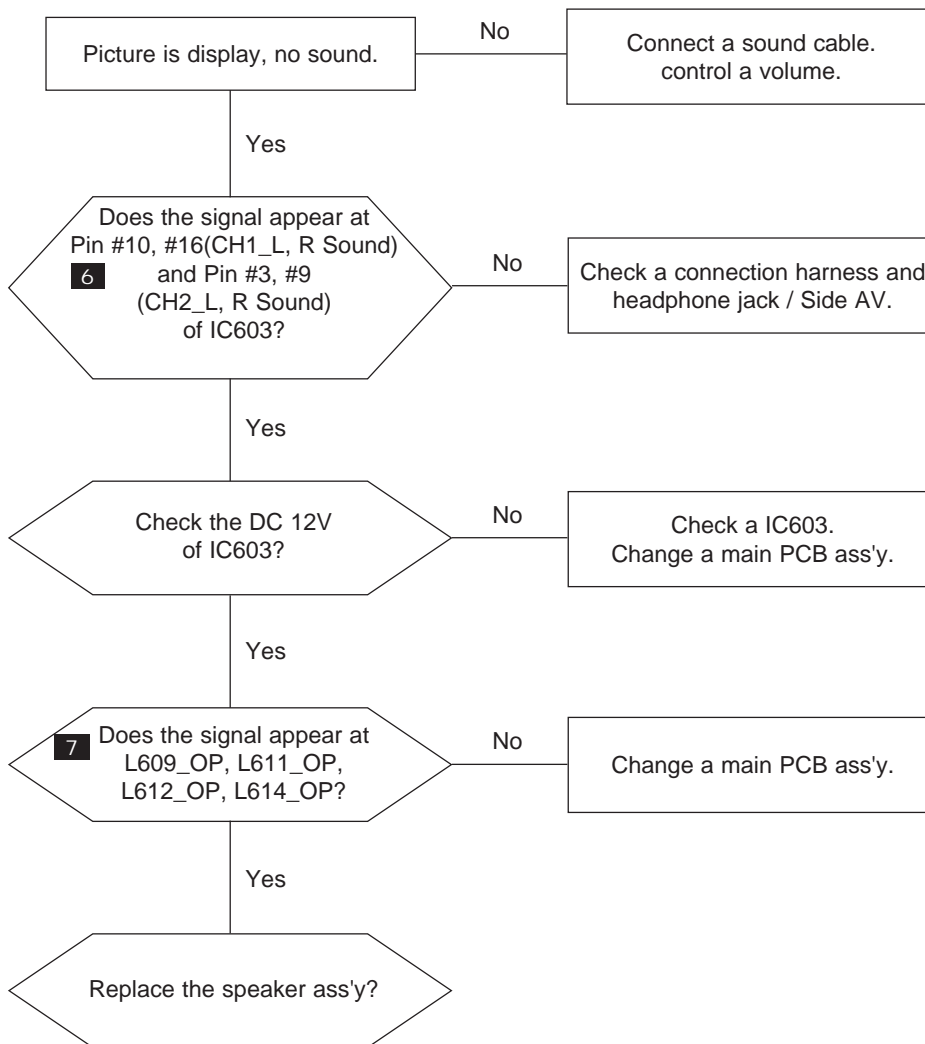
2 Digital Output Data of IC500



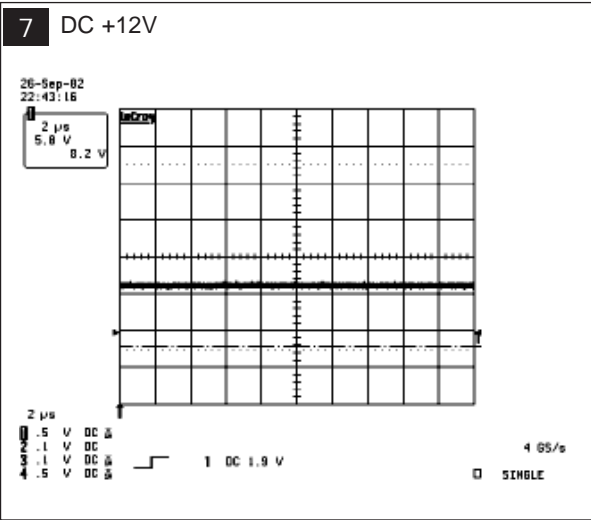
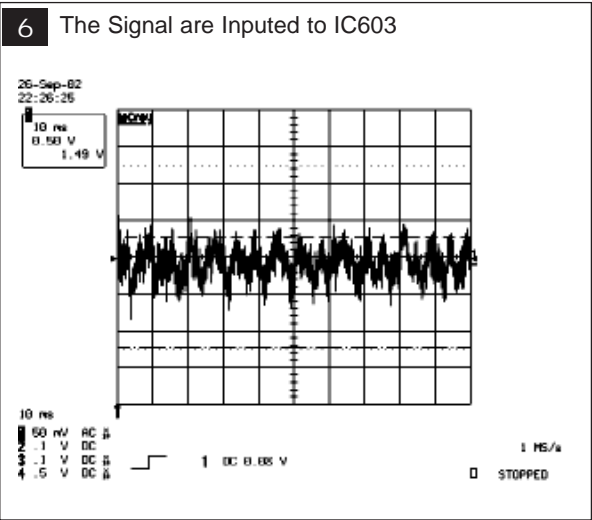
5 Analog Signal(Y,C) to IC500



4-2-7 No Sound



WAVEFORMS

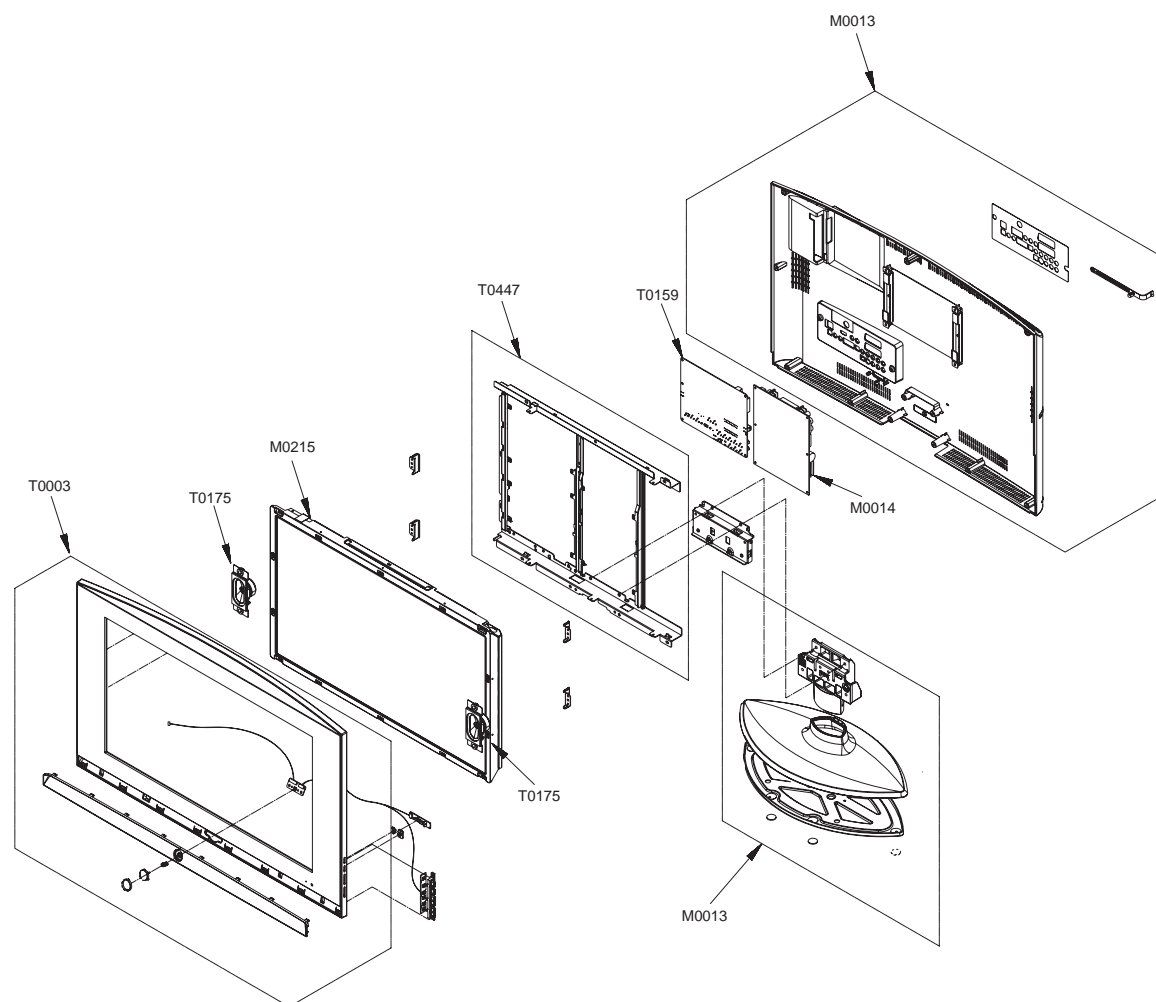


5 Exploded View and Parts List

- You can search for updated part codes through ITSELF web site.

URL : <http://itself.sec.samsung.co.kr/>

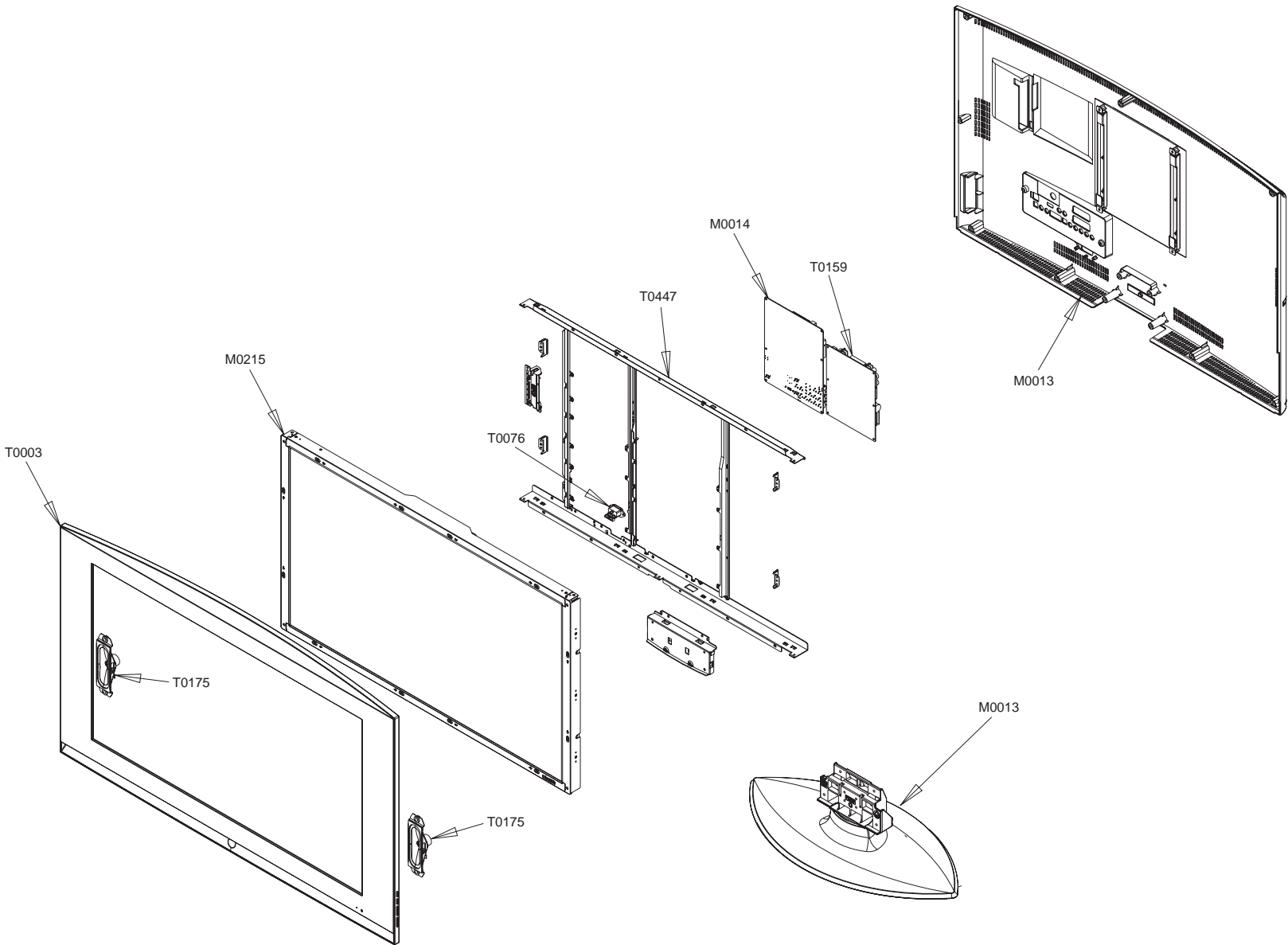
5-1 LE27S71B Exploded View



5-2 LE27S71B Parts list

| Location | Code.No | Item & Specification | Q'ty | SA/SNA | Remark |
|----------|-------------|--|------|--------|--------|
| T0003 | BN96-03836A | ASSY COVER P-FRONT;27T70,EO,ABS+PMMA,HB, | 1 | SA | |
| T0175 | BN96-03279A | ASSY SPEAKER P;16ohm,Sonoma 26,Left,5W,N | 1 | SA | |
| T0175 | BN96-03280A | ASSY SPEAKER P;16ohm,Sonoma 26,Right,5W, | 1 | SA | |
| M0215 | BN07-00136A | LCD-PANEL;V270B1-L01,Torino,8BIT,638.5*3 | 1 | SA | |
| T0447 | BN96-03944A | ASSY BRACKET P-PANEL;SONOMA,27EO,READY,S | 1 | SNA | |
| M0014 | BN94-01032A | ASSY PCB MAIN;LE27S71BX | 1 | SA | |
| T0159 | BN96-03058A | ASSY PCB P-SMPS;Bordeaux 26 PFC,LE26R71B | 1 | SA | |
| M0013 | BN96-03837A | ASSY COVER P-REAR;27T71,EO,HIPS,HB,BK500 | 1 | SA | |
| M0013 | BN96-03945A | ASSY STAND P-BASE;SONOMA,27,ABS+PMMA,HB, | 1 | SA | |

5-3 LE32S71B Exploded View

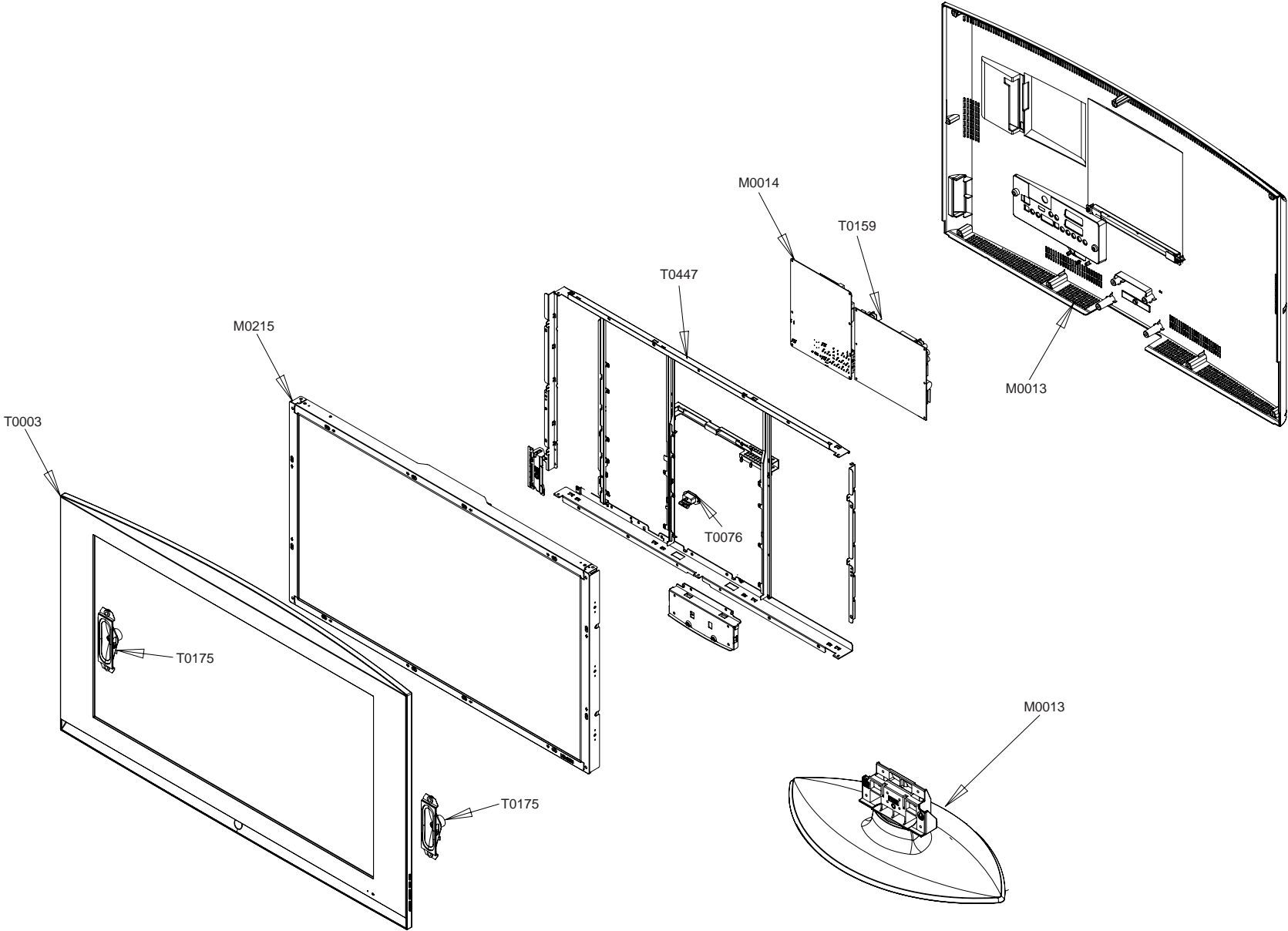


5 Exploded View & Parts List

5-4 LE32S71B Parts list

| Location | Code.No | Item & Specification | Q'ty | SA/SNA | Remark |
|----------|-------------|--|------|--------|--------|
| T0003 | BN96-03628C | ASSY COVER P-FRONT;32T70,EO,-,ABS+PMMA,B | 1 | SA | |
| T0175 | BN96-03247A | ASSY SPEAKER P;8ohm,Sonoma 32,Left,10W,N | 1 | SA | |
| T0175 | BN96-03248A | ASSY SPEAKER P;8ohm,Sonoma 32,Right,10W, | 1 | SA | |
| M0215 | BN07-00247A | LCD-PANEL;LTA320WT-L14,-,8BIT,760*450*50 | 1 | SA | |
| T0447 | BN96-02999A | ASSY BRACKET P-PANEL;BORDEAUX,32,AMLCD,S | 1 | SNA | |
| T0076 | BN39-00615D | CBF HARNESS;BORDEAUX,1617#22,3P,1P,RING, | 1 | SA | |
| M0014 | BN94-01031B | ASSY PCB MAIN;LE32S71BX | 1 | SA | |
| T0159 | BN96-03775A | ASSY PCB P-SMPS;FreeVoltage SMPS,LA32R71 | 1 | SA | |
| M0013 | BN96-03838A | ASSY COVER P-REAR;32T71,EO,HIPS,HB,BK500 | 1 | SA | |
| M0013 | BN96-03698A | ASSY STAND P-BASE;32T70,ABS+PMMA,HB,BK23 | 1 | SA | |

5-5 LE37S71B Exploded View

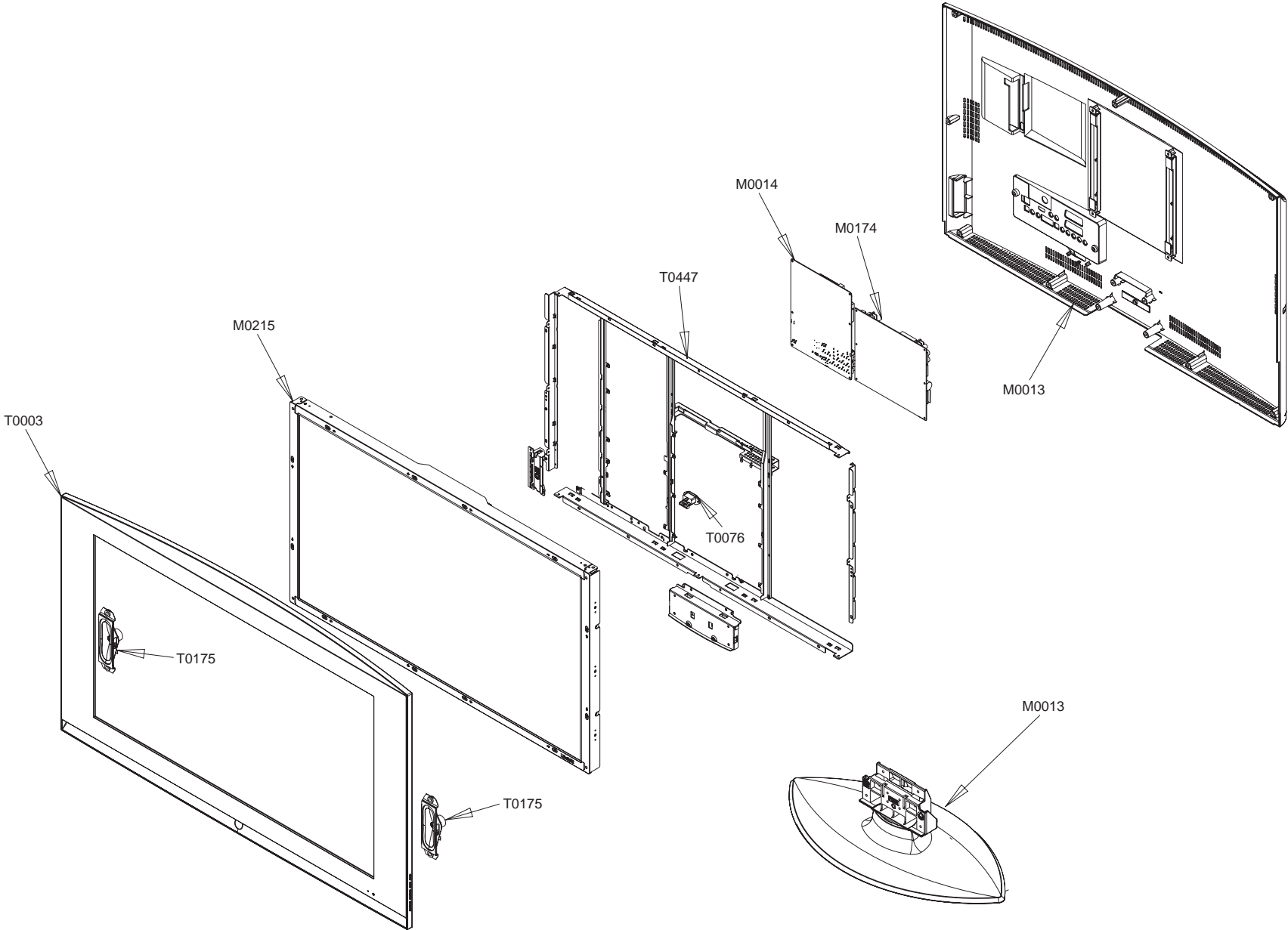


5 Exploded View & Parts List

5-6 LE37S71B Parts list

| Location | Code.No | Item & Specification | Q'ty | SA/SNA | Remark |
|----------|-------------|--|------|--------|--------|
| T0003 | BN96-04044A | ASSY COVER P-FRONT;37S71,EO,ABS+PMMA,HB, | 1 | SA | |
| T0175 | BN96-03247A | ASSY SPEAKER P;8ohm,Sonoma 32,Left,10W,N | 1 | SA | |
| T0175 | BN96-03248A | ASSY SPEAKER P;8ohm,Sonoma 32,Right,10W, | 1 | SA | |
| M0215 | BN07-00255A | LCD-PANEL;T370XW01,8bit,877.0*514.6*54.7 | 1 | SA | |
| T0447 | BN96-03253A | ASSY BRACKET P-PANEL;BORDEAUX-2,37,AUO,S | 1 | SNA | |
| T0076 | BN39-00615D | CBF HARNESS;BORDEAUX,1617#22,3P,1P,RING, | 1 | SA | |
| M0014 | BN94-01041A | ASSY PCB MAIN;LE37S71BX/* | 1 | SA | |
| T0159 | BN96-03050A | ASSY PCB P-SMPS;Bordeaux 37 PFC,LE37R71B | 1 | SA | |
| M0013 | BN96-04045A | ASSY COVER P-REAR;37S71,EO,HIPS,HB,BK500 | 1 | SA | |
| M0013 | BN96-03697A | ASSY STAND P-BASE;SONOMA40,ABS+PMMA,HB,B | 1 | SA | |

5-7 LE40S71B Exploded View



5-8 LE40S71B Parts list

| Location | Code.No | Item & Specification | Q'ty | SA/SNA | Remark |
|----------|-------------|--|------|--------|--------|
| T0003 | BN96-03394C | ASSY COVER P-FRONT;40T70,EO,ABS+PMMA,HB, | 1 | SA | |
| T0175 | BN96-03247A | ASSY SPEAKER P;8ohm,Sonoma 32,Left,10W,N | 1 | SA | |
| T0175 | BN96-03248A | ASSY SPEAKER P;8ohm,Sonoma 32,Right,10W, | 1 | SA | |
| M0215 | BN07-00264A | LCD-PANEL;LTA400WT-L01,8bit,952*551*51.0 | 1 | SA | |
| T0447 | BN96-03528B | ASSY BRACKET P-PANEL;SONOMA,40EO,READY,S | 1 | SNA | |
| T0076 | BN39-00615D | CBF HARNESS;BORDEAUX,1617#22,3P,1P,RING, | 1 | SA | |
| M0014 | BN94-01033A | ASSY PCB MAIN;LE40S71BX | 1 | SA | |
| M0174 | BN44-00134C | IP BOARD;PSIV230601A,40"BORDEAUX,2.0-3.0 | 1 | SA | |
| M0013 | BN96-03839A | ASSY COVER P-REAR;40T71,EO,HIPS,HB,BK500 | 1 | SA | |
| M0013 | BN96-03697A | ASSY STAND P-BASE;40T70,ABS+PMMA,HB,BK23 | 1 | SA | |

6 Electrical Parts List

-You can search for updated part codes through ITSELF web site.

URL : <http://itself.sec.samsung.co.kr/>

6-1 LE27S71B Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|---------------|--|-------|--------|
| 0 | | LE27S71BX/XEC | LE27S71B,Q52A/27S70-GSM,27,LCD-TV,SPAIN | 0 | |
| 1 | M0001 | BN90-00978A | ASSY COVER FRONT;27T70,EO,ABS+PMMA,HB,BK | 1 | SNA |
| ..2 | M0081 | 6006-001096 | SCREW-TAPTITE;BH,+,WP,B,M4.0,L12,ZPC(BLK | 4 | SNA |
| ..2 | T0175 | BN96-03279A | ASSY SPEAKER P;16ohm,Sonoma 26,Left,5W,N | 1 | SA |
| ..2 | T0175 | BN96-03280A | ASSY SPEAKER P;16ohm,Sonoma 26,Right,5W, | 1 | SA |
| ..2 | T0003 | BN96-03836A | ASSY COVER P-FRONT;27T70,EO,ABS+PMMA,HB, | 1 | SA |
| ...3 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 2 | SNA |
| ...3 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 1 | SNA |
| ...3 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 2 | SNA |
| ...3 | M0162 | 6502-001067 | CABLE CLAMP;DAFC-1300,ID2.2,T5.2,NYLIN6/ | 2 | SNA |
| ...3 | T0060 | BN61-01655A | SPRING ETC;STS-304 SUS,D8,L12,T0.5 | 1 | SA |
| ...3 | CCM1 | BN63-02183F | COVER-SHEET;Rhcm,PE Vinyl,T0.05,900mm,20 | 1.118 | SNA |
| ...3 | M0112 | BN63-02656A | COVER-FRONT;27T70,EO,ABS+PMMA,-,-,HB,- | 1 | SNA |
| ...3 | T0056 | BN63-02658A | COVER-DECORATION;GSM27KE,HIPS,HB,GR503,S | 1 | SNA |
| ...3 | T0059 | BN64-00379A | INDICATOR LED;ROME-II,23,PC,CLEAR | 1 | SNA |
| ...3 | T0061 | BN64-00453A | WINDOW-REMOCON;32R71,PC,V0,VIOLET,DIFFUS | 1 | SNA |
| ...3 | T0022 | BN64-00467A | KNOB CONTROL;SONOMA26,32,40,ABS,-,-,V0 | 1 | SNA |
| ...3 | T0023 | BN64-00476A | KNOB POWER;SONOMA,26,32,40,HIPS,HB,GR503 | 1 | SNA |
| ...3 | T0054 | BN64-00477A | KNOB-DECORATION;SONOMA26,32,40,ABS,HB,GR | 1 | SNA |
| ...3 | M0146 | BN96-03437A | ASSY BOARD P-POWER;BORDEAUX2,CT5000-4150 | 1 | SA |
| ...3 | M0145 | BN96-03466A | ASSY BOARD P-FUNCTION;SONOMA,SJ06-01-008 | 1 | SA |
| 1 | M0002 | BN90-00979A | ASSY COVER REAR;27T71,EO,HIPS,HB,BK500 | 1 | SNA |
| ..2 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK) | 2 | SA |
| ..2 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK) | 9 | SA |
| ..2 | M0013 | BN96-03837A | ASSY COVER P-REAR;27T71,EO,HIPS,HB,BK500 | 1 | SA |
| ...3 | T0101 | BN61-02058A | BRACKET-WALL;23,27,MGM,SECC,T1.6 | 2 | SNA |
| ...3 | M0006 | BN63-02657A | COVER-REAR;27T70,HIPS,-,-,HB,-,BK500,S | 1 | SNA |
| ...3 | T0071 | BN64-00444A | INLAY-TERMINAL;26R71,(BLK),PS SHEET,T0.5 | 1 | SNA |
| ...3 | T0064 | BN65-00002A | CLAMPER CORE;BORDEAUX,PP,V0,BLK | 1 | SNA |
| 1 | M0216 | BN90-01005A | ASSY STAND;27T70,ABS+PMMA,HB,BK23,H/GLOS | 1 | SNA |
| ..2 | T0524 | 6902-000561 | BAG PE;HDPE+NITRON(DOUBLE),T0.015+T0.5,W | 1 | SNA |
| ..2 | M0013 | BN96-03945A | ASSY STAND P-BASE;SONOMA,27,ABS+PMMA,HB, | 1 | SA |
| ...3 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK) | 3 | SA |
| ...3 | M0081 | 6003-001239 | SCREW-TAPTITE;FH,+,B,M4,L10,ZPC(YEL),SWR | 6 | SA |
| ...3 | | BN61-01830A | BRACKET-STAND BOTTOM;26 MILANO,SECC,T2.0 | 1 | SNA |
| ...3 | | BN61-02369A | GUIDE-STAND;SONOMA 26,HIPS V0,BK500 | 1 | SNA |
| ...3 | CCM1 | BN63-02183D | COVER-SHEET;Rhcm,PE Vinyl,T0.05,680mm,20 | 0.4 | SNA |
| ...3 | T0004 | BN63-02696A | COVER-STAND BASE;GML26,ABS+PMMA,HB,BK23, | 1 | SNA |
| ...3 | T0132 | BN73-00052A | RUBBER FOOT;ARES 17,SILICON,DIA 17 * T1. | 6 | SNA |
| 1 | T0852 | BN91-00948A | ASSY LCD-CMO;LE27T51BX*,TORINO | 1 | SNA |
| ..2 | M0215 | BN07-00136A | LCD-PANEL;V270B1-L01,Torino,8BIT,638.5*3 | 1 | SA |
| 1 | M0112 | BN91-01114A | ASSY SHIELD;LE27S71BX | 1 | SNA |
| ..2 | M0081 | 6003-000115 | SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC | 4 | SNA |
| ..2 | M0081 | 6003-000115 | SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC | 4 | SNA |
| ..2 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 2 | SNA |
| ..2 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 2 | SNA |
| ..2 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 6 | SNA |
| ..2 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 1 | SNA |
| ..2 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 4 | SNA |
| ..2 | T0081 | 6006-000245 | SCREW-MACHINE;WSP,PH,+,M4,L8,ZPC(YEL),SW | 4 | SNA |
| ..2 | T0081 | 6006-000245 | SCREW-MACHINE;WSP,PH,+,M4,L8,ZPC(YEL),SW | 1 | SNA |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|-------|--------|
| ..2 | M2893 | BH39-00362B | LEAD CONNECTOR;RE32**,UL1007#26,5P,150mm | 1 | SA |
| ..2 | T0076 | BN39-00615D | CBF HARNESS;BORDEAUX,1617#22,3P,1P,RING, | 1 | SA |
| ..2 | M2893 | BN39-00659A | LEAD CONNECTOR;RE32*CMO,UL1007#26,14/12P | 1 | SA |
| ..2 | M2893 | BN39-00691B | LEAD CONNECTOR;LE32R71BX,UL1007#26,16P,1 | 1 | SA |
| ..2 | M2893 | BN39-00721A | LEAD CONNECTOR-LVDS;Sonoma,UL1571#30,30P | 1 | SA |
| ..2 | | BN61-02207A | BRACKET-PANEL SIDE;Bordeaux 26,SECC,T1.2 | 4 | SNA |
| ..2 | | BN61-02364A | BRACKET-STAND LINK;SONOMA 32,SECC,T1.6 | 1 | SNA |
| ..2 | M0114 | BN61-02500A | HOLDER-WIRE;NYLON6.6,NATURAL | 2 | SNA |
| ..2 | T0159 | BN96-03058A | ASSY PCB P-SMPS;Bordeaux 26 PFC,LE26R71B | 1 | SA |
| ..2 | T0447 | BN96-03944A | ASSY BRACKET P-PANEL;SONOMA,27EO,READY,S | 1 | SNA |
| ...3 | M0131 | AA63-01401A | GASKET;LE40R71BX,Conductive Fabric,22mm, | 1 | SNA |
| ...3 | | BN61-02208A | BRACKET GUIDE-MAIN;Bordeaux 26,SECC,T1.2 | 1 | SNA |
| ...3 | | BN61-02209A | BRACKET-GUIDE POWER;Bordeaux 26,SECC,T1. | 1 | SNA |
| ...3 | | BN61-02210A | BRACKET-GUIDE POWER;Bordeaux 26,SECC,T1. | 1 | SNA |
| ...3 | M0146 | BN61-02362A | BRACKET-PANEL TOP;SONOMA 27,SECC,T1.2 | 1 | SNA |
| ...3 | | BN61-02363A | BRACKET-PANEL BOTTOM;SONOMA 27,SECC,T1.6 | 1 | SNA |
| 1 | M0017 | BN91-01116A | ASSY CHASSIS;LE27S71BX | 1 | SNA |
| ..2 | M0014 | BN94-01032A | ASSY PCB MAIN;LE27S71BX | 1 | SA |
| ...3 | T0245 | 0202-001522 | SOLDER-WIRE FLUX;LFA3-107,-,D1.2,96.5Sn/ | 0.25 | SNA |
| ...3 | JA709 | 3701-001294 | CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,AU | 1 | SA |
| ...3 | CN330 | 3711-004068 | HEADER-BOARD TO CABLE;BOX,5P,1R,2MM,ANGL | 1 | SA |
| ...3 | CN503 | 3711-005884 | HEADER-BOARD TO BOARD;BOX,30P,2R,2mm,ANG | 1 | SA |
| ...3 | CN330 | 3711-005942 | HEADER-BOARD TO CABLE;BOX,16P,1R,2mm,STR | 1 | SA |
| ...3 | JA701_EU | 3722-000498 | JACK-SCART;21P,-,SN,BLK,NO | 1 | SA |
| ...3 | JA702_EU | 3722-000498 | JACK-SCART;21P,-,SN,BLK,NO | 1 | SA |
| ...3 | JA330 | 3722-001061 | JACK-PHONE;1P,3.6PI,AG,BLK,N | 1 | SA |
| ...3 | JA330 | 3722-001061 | JACK-PHONE;1P,3.6PI,AG,BLK,N | 1 | SA |
| ...3 | JA330 | 3722-001061 | JACK-PHONE;1P,3.6PI,AG,BLK,N | 1 | SA |
| ...3 | JA332 | 3722-001734 | JACK-VHS;4P,SN,BLK,STRAIGHT | 1 | SA |
| ...3 | JA333 | 3722-002360 | JACK-PIN;3P,AU,GRN/BLU/RED,STRAIGHT | 1 | SA |
| ...3 | JA333 | 3722-002362 | JACK-PIN;2P,Sn,WHT/RED,STRAIGHT | 1 | SA |
| ...3 | JA333 | 3722-002362 | JACK-PIN;2P,Sn,WHT/RED,STRAIGHT | 1 | SA |
| ...3 | JA333 | 3722-002362 | JACK-PIN;2P,Sn,WHT/RED,STRAIGHT | 1 | SA |
| ...3 | JA333 | 3722-002363 | JACK-PIN;3P,Sn,YEL/WHT/RED,STRAIGHT | 1 | SA |
| ...3 | T0562 | 6046-001013 | STAND OFF;M3,L5,Ni PLT,SUM24L,#4-40 | 2 | SNA |
| ...3 | CIS3 | BN40-00079A | TUNER;TCPW3001PD32S(H),TCPW3001PD32S(H), | 1 | SA |
| ...3 | M0107 | BN63-01847A | SHIELD-COVER;ROME,SECC,T0.3,49.5,79.5,HE | 1 | SNA |
| ...3 | CIS8 | BN73-00024C | SILICON/RUBBER-BERGQUIST;VENUS 32,40*,SI | 1 | SNA |
| ...3 | T0174 | BN97-01080A | ASSY SMD;LE27S71BX | 1 | SNA |
| ...4 | CIS5 | 0202-001477 | SOLDER-CREAM;LST309-M,-,D20-45\$,96.5Sn/ | 3.033 | SNA |
| ...4 | D100 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D200 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D201 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D202 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D226 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D227 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D228 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D307 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D320 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D321 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D322 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D323 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D324 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D325 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D326 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D327 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D422_EU | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D423_EU | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D424_EU | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D425_EU | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D467 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
| ...4 | D485 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D486 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D487 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D494 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D946_OP | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D961_OP | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D979_OP | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D800 | 0402-000553 | DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2 | 1 | SA |
| ...4 | D801 | 0403-000258 | DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2 | 1 | SA |
| ...4 | D906 | 0403-000258 | DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2 | 1 | SA |
| ...4 | D300 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D304 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D305 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D490 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D491 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D492 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D493 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D499 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D500 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D501 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D502 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D503 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D504 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D505 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D506 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D507 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D508 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D509 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D510 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D511 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D512 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D513 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D909 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D911 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D301 | 0403-001016 | DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL- | 1 | SA |
| ...4 | D418 | 0403-001169 | DIODE-ZENER;RLZ16C,15.96-16.51V,500MW,LL | 1 | SA |
| ...4 | D421 | 0403-001169 | DIODE-ZENER;RLZ16C,15.96-16.51V,500MW,LL | 1 | SA |
| ...4 | D101 | 0403-001425 | DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23 | 1 | SA |
| ...4 | D308 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D309 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D400_EU | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D401 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D402_EU | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D403 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D404 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D405 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D406 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D407 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D408 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D409 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D419_EU | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D420_EU | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D428 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D429_EU | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D461 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D462 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D470 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D471 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D472 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D483 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D484 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D949_OP | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | D950_OP | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
|4 | D962_OP | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
|4 | D963_OP | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
|4 | D964_OP | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
|4 | D975_OP | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
|4 | D976_OP | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
|4 | D600 | 0407-000123 | DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT- | 1 | SA |
|4 | D601 | 0407-000123 | DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT- | 1 | SA |
|4 | D900 | 0407-000123 | DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT- | 1 | SA |
|4 | D901 | 0407-000123 | DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT- | 1 | SA |
|4 | Q603 | 0501-000280 | TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23 | 1 | SA |
|4 | Q100 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q301 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q501 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q600 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q601 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q602 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q605 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q606 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q609 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q802 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q900 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q904 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q905 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q906 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q972 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q973 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q222 | 0501-002080 | TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59 | 1 | SA |
|4 | Q800 | 0501-002080 | TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59 | 1 | SA |
|4 | Q801 | 0501-002080 | TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59 | 1 | SA |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | SA |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | SA |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | SA |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | SA |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | SA |
|4 | Q409 | 0505-001170 | FET-SILICON;SI9933ADY-T1,P,-20V,3.4A,0.0 | 1 | SA |
|4 | IC104 | 0801-002095 | IC-CMOS LOGIC;74LCX245,TRANSCEIVER,TSSOP | 1 | SA |
|4 | IC900 | 0903-001432 | IC-MICROCOMPUTER;M30840SGP,16Bit,LQFP,10 | 1 | SNA |
|4 | IC605 | 1001-000164 | IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16 | 1 | SA |
|4 | IC905 | 1001-001109 | IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C | 1 | SA |
|4 | IC107 | 1002-001399 | IC-D/A CONVERTER;PCM1754,24BIT,SSOP,16P, | 1 | SA |
|4 | IC110 | 1006-001076 | IC-DRIVER/RECEIVER;MAX232ECWE+T,SOP,16P, | 1 | SA |
|4 | IC112 | 1103-000129 | IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x | 1 | SA |
|4 | IC112 | 1103-000129 | IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x | 1 | SA |
|4 | IC112 | 1103-001279 | IC-EEPROM;24C32,32Kbit,4Kx8Bit,SOP,8P,5x | 1 | SA |
|4 | IC222 | 1105-001538 | IC-VIDEO RAM;K4D263238,-,128M,4x1Mx32Bit | 1 | SA |
|4 | DU410 | 1201-000166 | IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10 | 1 | SA |
|4 | T0085 | 1201-002136 | IC-AUDIO AMP;LM4810,MSOP,8P,3x3mm,DUAL,- | 1 | SA |
|4 | T0085 | 1201-002246 | IC-AUDIO AMP;STA323W,SQ,36P,15.9x11mm,-, | 1 | SA |
|4 | IC503_OP | 1203-001559 | IC-RESET;DS1834A,SOIC,8P,150MIL,PLASTIC, | 1 | SA |
|4 | IC910 | 1203-001559 | IC-RESET;DS1834A,SOIC,8P,150MIL,PLASTIC, | 1 | SA |
|4 | T0087 | 1203-001815 | IC-POSI.FIXED REG.;78M09,TO-252,3P,-,PLA | 1 | SA |
|4 | T0087 | 1203-001816 | IC-POSI.FIXED REG.;78M08,TO-252,3P,-,PLA | 1 | SA |
|4 | T0087 | 1203-002842 | IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P | 1 | SA |
|4 | T0087 | 1203-002842 | IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P | 1 | SA |
|4 | T0087 | 1203-002855 | IC-POSI.FIXED REG.;MC33269DTRK-5.0,DPRK, | 1 | SA |
|4 | T0087 | 1203-002974 | IC-POSI.FIXED REG.;AP1117D-25A,TO-252,3P | 1 | SA |
|4 | T0170 | 1203-003059 | IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3 | 1 | SA |
|4 | IC601 | 1204-002464 | IC-AUDIO PROCESSOR;STV8257DSX,TQFP,80P,1 | 1 | SA |
|4 | IC118 | 1204-002503 | IC-VIDEO PROCESS;SVP-PX56-7256,PQFP,256P | 1 | SNA |
|4 | R422_EU | 2007-000040 | R-CHIP;150ohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R221 | 2007-000043 | R-CHIP;1Kohm,1%,1/10W,TP,1608 | 1 | SA |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---------------------------------|------|--------|
| ...4 | R222 | 2007-000043 | R-CHIP;1Kohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R9004 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R9005 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R9006 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R9007 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R9008 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R9009 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R9010 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R9015 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R9028 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R9032 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R976 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R109 | 2007-000060 | R-CHIP;100Kohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R807 | 2007-000067 | R-CHIP;15Kohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | 26_ | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R321 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R444 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R446 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R479_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R480 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R488_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R489_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R491_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R492_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R493_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R494_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R500 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R501 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R502 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R511 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R512 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R514_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R516 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R523 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R539 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R540 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R542 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R563_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R564_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R565_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R566_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R567_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R568_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R569_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R570_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R571_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R572_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R574 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R575 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R577 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R592 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R656 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R691 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R692 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R693 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R9000 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R9013 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R9014 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R9030 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R909 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R913 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R931 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--------------------------------|------|--------|
|4 | R932 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R933 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R934 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R936 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R939 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R940 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R941 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R949 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R950 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R951 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R952 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R953 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R998 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R224 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R225 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R226 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R227 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R458 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R499 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R503 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R504 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R505 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R506 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R507 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R508 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R509 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R510 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R518 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R585 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R586 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R104 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R105 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R306 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R308 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R475 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R495 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R611 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R612 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R658 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R659 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R676 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R682 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R108 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R113 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R116 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R243 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R244 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R406 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R409 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R498 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R525 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R533 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R538 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R559 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R582 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R584 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R587 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R614 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R615 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R616 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R617 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R618 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--------------------------------|------|--------|
|4 | R619 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R620 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R621 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R636 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R637 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R639 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R640 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R644 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R645 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R648 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R650 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R651 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R653 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R654 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R678 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R679 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R680 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R802 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9002 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R901 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9016 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9023 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9025 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R911 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R916 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R917 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R919 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R937 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R947 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R966 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R967 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R971 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R972 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R973 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R977 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R978 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R999 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R562 | 2007-000075 | R-CHIP;220ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R100 | 2007-000076 | R-CHIP;330ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R402_EU | 2007-000076 | R-CHIP;330ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R404_EU | 2007-000076 | R-CHIP;330ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R405 | 2007-000076 | R-CHIP;330ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R410 | 2007-000076 | R-CHIP;330ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R114 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R307 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R311 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R403 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R407 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R408 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R411 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R429 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R474 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R476 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R487 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R528 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R590 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R591 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R810 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9026 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R946 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R103 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R106 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---------------------------------|------|--------|
|4 | R119_OP | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R120_OP | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R312 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R322 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R522 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R535 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R537 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R554 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R576 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9019 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9044 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9045 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R905 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R928 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R935 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R530 | 2007-000082 | R-CHIP;3.3Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R532 | 2007-000082 | R-CHIP;3.3Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R925 | 2007-000082 | R-CHIP;3.3Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R926 | 2007-000082 | R-CHIP;3.3Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R963 | 2007-000082 | R-CHIP;3.3Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R964 | 2007-000082 | R-CHIP;3.3Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R242 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R526 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R541 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R578 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R593 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R643 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R655 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R808 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R809 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9033 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9034 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9035 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9036 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9037 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9038 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9051 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9052 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9053 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9054 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9055 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9056 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9057 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R908 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R918 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R923 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R924 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R927 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R929 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R930 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R938 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R943 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R962 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R996 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R426 | 2007-000087 | R-CHIP;6.8Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R427 | 2007-000087 | R-CHIP;6.8Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R302 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R303 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R316 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R445 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R447 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R459 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---------------------------------|------|--------|
|4 | R473 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R515 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R519 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R555 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R556 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R610 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R661 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R673 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R801 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R803 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R804 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9029 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9043 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R906 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R907 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R912 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R915 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R920 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R921 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R922 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R954 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R956 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R970 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R994 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R995 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R806 | 2007-000092 | R-CHIP;15Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R664 | 2007-000093 | R-CHIP;20Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R666 | 2007-000093 | R-CHIP;20Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R101 | 2007-000094 | R-CHIP;22Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R670 | 2007-000094 | R-CHIP;22Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R914 | 2007-000094 | R-CHIP;22Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R313 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R400_EU | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R401_EU | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R527_OP | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R601 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R646 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R652 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R657 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R665 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R993 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R602 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R603 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R604 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R605 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R606 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R607 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R608 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R609 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R626 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R627 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R628 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R629 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R630 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R631 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R632 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R633 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R102 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R660 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R663 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R667 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R800 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | SA |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---------------------------------|------|--------|
|4 | R107 | 2007-000106 | R-CHIP;220Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R111 | 2007-000106 | R-CHIP;220Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R112 | 2007-000106 | R-CHIP;220Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R668 | 2007-000107 | R-CHIP;470Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R5004 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R550 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R551 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R553 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R638 | 2007-000119 | R-CHIP;560ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R236 | 2007-000123 | R-CHIP;1.5Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R237 | 2007-000123 | R-CHIP;1.5Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R238 | 2007-000123 | R-CHIP;1.5Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9027 | 2007-000124 | R-CHIP;2.2Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R683 | 2007-000125 | R-CHIP;3.9Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R490_EU | 2007-000287 | R-CHIP;100OHM,1%,1/10W,TP,1608 | 1 | SA |
|4 | R413 | 2007-000293 | R-CHIP;100ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R417 | 2007-000293 | R-CHIP;100ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R420_EU | 2007-000293 | R-CHIP;100ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R421_EU | 2007-000293 | R-CHIP;100ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R434 | 2007-000293 | R-CHIP;100ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R481 | 2007-000293 | R-CHIP;100ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R323 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R324 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R325 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R326 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R327 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R328 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R329 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R330 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R942 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R955_OP | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R957_OP | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R969 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R974 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R975 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R979 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R980 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R982 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R983 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R984 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R985 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R986 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R987 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R988 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R989 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R990 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R991 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R992 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R997 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R412 | 2007-000458 | R-CHIP;18Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R416 | 2007-000458 | R-CHIP;18Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9041 | 2007-000704 | R-CHIP;3.6Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9042 | 2007-000704 | R-CHIP;3.6Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R557 | 2007-000903 | R-CHIP;430ohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R117 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R118 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R414 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R415 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R418 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R477 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R478 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R482 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
| ...4 | R902 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
| ...4 | R903 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
| ...4 | R948 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
| ...4 | R223 | 2007-001014 | R-CHIP;51OHM,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R228 | 2007-001014 | R-CHIP;51OHM,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R805 | 2007-001068 | R-CHIP;6.8Kohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R419_EU | 2007-001131 | R-CHIP;68ohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R432_EU | 2007-001131 | R-CHIP;68ohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R110 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R115_OP | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R318 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R320 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R423 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R424 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R425 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R428_EU | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R435 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R484 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R485 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R486 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R904_OP | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R910_OP | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R468 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R469 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R470 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R471 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R472 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R483 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R496 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R497 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R430_EU | 2007-007733 | R-CHIP;51ohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R675 | 2007-008720 | R-CHIP;4.7ohm,1%,1/4W,TP,3216 | 1 | SA |
| ...4 | R677 | 2007-008720 | R-CHIP;4.7ohm,1%,1/4W,TP,3216 | 1 | SA |
| ...4 | R681 | 2007-008720 | R-CHIP;4.7ohm,1%,1/4W,TP,3216 | 1 | SA |
| ...4 | R684 | 2007-008720 | R-CHIP;4.7ohm,1%,1/4W,TP,3216 | 1 | SA |
| ...4 | IC223 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
| ...4 | RA221 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
| ...4 | RA222 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
| ...4 | RA223 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
| ...4 | RA224 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
| ...4 | RA225 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
| ...4 | RA226 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
| ...4 | RA227 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
| ...4 | RA903 | 2011-000651 | R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
| ...4 | RA904 | 2011-000651 | R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
| ...4 | RA906 | 2011-000651 | R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
| ...4 | RA907 | 2011-000651 | R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
| ...4 | RA908 | 2011-000651 | R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
| ...4 | RA910 | 2011-000651 | R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
| ...4 | RA500 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
| ...4 | RA501 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
| ...4 | RA900 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
| ...4 | RA901 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
| ...4 | RA902 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
| ...4 | RA905 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
| ...4 | RA909 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
| ...4 | RA911 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
| ...4 | RA913 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
| ...4 | RA916 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
| ...4 | RA917 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
| ...4 | RA918 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
| ...4 | RA919 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---|------|--------|
| ...4 | RA920 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
| ...4 | RA921 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
| ...4 | RA922 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
| ...4 | C6003 | 2203-000125 | C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,- | 1 | SA |
| ...4 | C616 | 2203-000140 | C-CER,CHIP;1.5nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C632 | 2203-000140 | C-CER,CHIP;1.5nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C120 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C250 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C303 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C486 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C511 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C512 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C513 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C514 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C516 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C517 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C518 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C521 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C522 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C523 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C524 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C525 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C526 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C527 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C529 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C530 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C532 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C533 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C534 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C535 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C537 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C538 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C545 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C548 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C549 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C551 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C553 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C554 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C555 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C558 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C560 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C561 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C564 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C565 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C566 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C567 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C568 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C569 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C570 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C571 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C572 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C573 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C577 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C588 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C589 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C590 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C591 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C593 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C595 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C597 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C598 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C6004 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---------------------------------------|------|--------|
| ...4 | C6016 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C6017 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C620 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C625 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C626 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C627 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C628 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C644 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C649 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C651 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C652 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C660 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C664 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C680 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C682 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C687 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C801 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C803 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C805 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C812 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C813 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C815 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C817 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C834 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C836 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C839 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C840 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C849 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C867 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C868 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C900 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C904 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C943 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
| ...4 | C117 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C118 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C269 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C270 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C400_EU | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C401 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C402_EU | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C403 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C404 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C405 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C406 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C407 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C408_EU | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C410_EU | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C412 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C413 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C423 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C424 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C487 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C488 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C6006 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C6007 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C6008 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C623 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C678 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C679 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C926 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C928 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C930_EU | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---------------------------------------|------|--------|
|4 | C936_EU | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C101 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C111 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C112 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C228 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C229 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C230 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C231 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C232 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C238 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C241 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C244 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C264 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C265 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C268 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C504 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C505 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C506 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C507 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C508 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C541 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C622 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C800 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C802 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C810 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C814 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C816 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C830 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C843 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C944 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C841 | 2203-000405 | C-CER,CHIP;0.18nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C901 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C903 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C908 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C931 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C933 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C937 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C114 | 2203-000491 | C-CER,CHIP;2.2nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C575 | 2203-000531 | C-CER,CHIP;2.7nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C592 | 2203-000531 | C-CER,CHIP;2.7nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C500 | 2203-000552 | C-CER,CHIP;0.02nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C510 | 2203-000552 | C-CER,CHIP;0.02nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C639 | 2203-000626 | C-CER,CHIP;0.022nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C647 | 2203-000626 | C-CER,CHIP;0.022nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C911 | 2203-000626 | C-CER,CHIP;0.022nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C912 | 2203-000626 | C-CER,CHIP;0.022nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C938 | 2203-000626 | C-CER,CHIP;0.022nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C939 | 2203-000626 | C-CER,CHIP;0.022nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C842 | 2203-000715 | C-CER,CHIP;3.3nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C304 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C305 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C483 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C484 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C688 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C696 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C940_OP | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C945_EU | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C946_OP | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C947_OP | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C948_OP | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C949_OP | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C662 | 2203-000798 | C-CER,CHIP;33nF,10%,16V,X7R,TP,1608,- | 1 | SA |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
| ...4 | C663 | 2203-000798 | C-CER,CHIP;33nF,10%,16V,X7R,TP,1608,- | 1 | SA |
| ...4 | C435_EU | 2203-000815 | C-CER,CHIP;0.033nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C436_EU | 2203-000815 | C-CER,CHIP;0.033nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C437_EU | 2203-000815 | C-CER,CHIP;0.033nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C115 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C223 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C224 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C502 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C503 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C674 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C675 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C104 | 2203-000972 | C-CER,CHIP;47nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C634 | 2203-000972 | C-CER,CHIP;47nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C266 | 2203-000998 | C-CER,CHIP;0.047nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C409_EU | 2203-000998 | C-CER,CHIP;0.047nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C411 | 2203-000998 | C-CER,CHIP;0.047nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C629 | 2203-001402 | C-CER,CHIP;220nF,+80-20%,16V,Y5V,TP,1608 | 1 | SA |
| ...4 | C106 | 2203-001607 | C-CER,CHIP;0.22nF,5%,50V,NP0,1608 | 1 | SA |
| ...4 | C6009 | 2203-001607 | C-CER,CHIP;0.22nF,5%,50V,NP0,1608 | 1 | SA |
| ...4 | C670 | 2203-001652 | C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608 | 1 | SA |
| ...4 | C672 | 2203-001652 | C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608 | 1 | SA |
| ...4 | C617 | 2203-001656 | C-CER,CHIP;0.47nF,5%,50V,NP0,1608 | 1 | SA |
| ...4 | C631 | 2203-001656 | C-CER,CHIP;0.47nF,5%,50V,NP0,1608 | 1 | SA |
| ...4 | C673 | 2203-001724 | C-CER,CHIP;4700nF,+80-20%,16V,Y5V,3216 | 1 | SA |
| ...4 | C103 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C110 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C221 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C222 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C235 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C236 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C261 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C501 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C519 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C528 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C543 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C601 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C640 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C641 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C642 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C643 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C657 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C665 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C822 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C825 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C827 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C851 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C853 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C856 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C859 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C861 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C914 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C915 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C916 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C918 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C920 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C922 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C923 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C924 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C925 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C935 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C941 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C689 | 2203-005030 | C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216 | 1 | SA |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | C697 | 2203-005030 | C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216 | 1 | SA |
|4 | C300 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | SA |
|4 | C536 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | SA |
|4 | C699 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | SA |
|4 | C823 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | SA |
|4 | C870 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | SA |
|4 | C919 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | SA |
|4 | C942 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | SA |
|4 | C6001 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C6002 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C6005 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C6011 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C677 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C681 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C683 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C685 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C690 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C691 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C692 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C693 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C694 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C695 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C698 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C546 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C547 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C550 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C552 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C556 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C557 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C559 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C562 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C563 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C578 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C579 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C580 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C581 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C582 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C583 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C584 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C585 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C586 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C594 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C596 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C824 | 2203-005834 | C-CER,CHIP;22000nF,+80-20%,10V,Y5V,3216 | 1 | SA |
|4 | C302 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C574 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C576 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C587 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C599 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C600 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C6015 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C603 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C604 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C605 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C606 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C607 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C608 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C609 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C610 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C611 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C613 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C618 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
| ...4 | C619 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
| ...4 | C621 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
| ...4 | C624 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
| ...4 | C630 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
| ...4 | C636 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
| ...4 | C645 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
| ...4 | C646 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
| ...4 | C648 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
| ...4 | C650 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
| ...4 | C653 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
| ...4 | C654 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
| ...4 | C655 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
| ...4 | C656 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
| ...4 | C658 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
| ...4 | C686 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
| ...4 | C852 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
| ...4 | C855 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
| ...4 | C921 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
| ...4 | C5001 | 2402-001059 | C-AL,SMD;220UF,20%,6.3V,-,TP,6X6.6X6.6 | 1 | SA |
| ...4 | C5002 | 2402-001059 | C-AL,SMD;220UF,20%,6.3V,-,TP,6X6.6X6.6 | 1 | SA |
| ...4 | C806 | 2402-001081 | C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10 | 1 | SA |
| ...4 | C819 | 2402-001081 | C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10 | 1 | SA |
| ...4 | C835 | 2402-001081 | C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10 | 1 | SA |
| ...4 | C239 | 2402-001097 | C-AL,SMD;0.1UF,20%,50V,WT,TP,4.3X4.3X5.2 | 1 | SA |
| ...4 | C240 | 2402-001097 | C-AL,SMD;0.1UF,20%,50V,WT,TP,4.3X4.3X5.2 | 1 | SA |
| ...4 | C102 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
| ...4 | C107 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
| ...4 | C108 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
| ...4 | C615 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
| ...4 | C668 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
| ...4 | C669 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
| ...4 | C671 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
| ...4 | C811 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
| ...4 | C848 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
| ...4 | C854 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
| ...4 | C116 | 2402-001129 | C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM | 1 | SA |
| ...4 | C249 | 2402-001129 | C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM | 1 | SA |
| ...4 | C509 | 2402-001129 | C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM | 1 | SA |
| ...4 | C635 | 2402-001129 | C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM | 1 | SA |
| ...4 | C667 | 2402-001129 | C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM | 1 | SA |
| ...4 | C807 | 2402-001129 | C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM | 1 | SA |
| ...4 | C820 | 2402-001129 | C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM | 1 | SA |
| ...4 | C666 | 2402-001160 | C-AL,SMD;330UF,20%,16V,WT,TP,1008 | 1 | SA |
| ...4 | C485 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
| ...4 | C531 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
| ...4 | C684 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
| ...4 | C826 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
| ...4 | C902 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
| ...4 | C907 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
| ...4 | C913 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
| ...4 | C917 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
| ...4 | C950 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
| ...4 | C100 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | SA |
| ...4 | C227 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | SA |
| ...4 | C237 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | SA |
| ...4 | C542 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | SA |
| ...4 | C633 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | SA |
| ...4 | C850 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | SA |
| ...4 | C866 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | SA |
| ...4 | C6010 | 2402-001221 | C-AL,SMD;470UF,20%,16V,-,TP,A8.3XB8.3XL1 | 1 | SA |
| ...4 | C676 | 2402-001221 | C-AL,SMD;470UF,20%,16V,-,TP,A8.3XB8.3XL1 | 1 | SA |
| ...4 | C520 | 2402-001226 | C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8 | 1 | SA |

6 Electrical Parts List

[illegible]

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|--------|-----------|-------------|--|-------|--------|
|4 | CN703 | 3701-001311 | CONNECTOR-HDMI;21P,2R,FEMALE,SMD-S,AU30U | 1 | SA |
|4 | CN330 | 3711-005291 | HEADER-BOARD TO CABLE;BOX,2P,1R,2MM,SMD- | 1 | SA |
|4 | CN330 | 3711-005292 | HEADER-BOARD TO CABLE;BOX,3P,1R,2MM,SMD- | 1 | SA |
|4 | CN330 | 3711-005497 | HEADER-BOARD TO CABLE;BOX,15P,1R,1.25MM, | 1 | SA |
|4 | T0077 | BN41-00680C | PCB MAIN;BORDEAUX,FR-4,4,MP1.2,1.6,192*1 | 1 | SNA |
|4 | M0018 | BN97-00805A | ASSY MICOM;IC-MICROCOMPUTER,LE32R71BX/XE | 1 | SA |
|5 | IC115 | 1107-001555 | IC-FLASH MEMORY;49BV802A,8MBIT,1MX8/512K | 1 | SA |
|4 | M0018 | BN97-00805B | ASSY MICOM;IC-MICROCONTROLLER,,LE32R71BX | 1 | SA |
|5 | IC520 | 0903-001389 | IC-MICROCONTROLLER;S3F866B,8Bit,QFP,44P, | 1 | SNA |
| 1 | M0045 | BN92-01926A | ASSY ACCESSORY;LE27S71BX | 1 | SNA |
| ..2 | M0045 | BN96-03946A | ASSY ACCESSORY;LE27S71BX/XEC | 1 | SA |
| ...3 | T0268 | 3903-000145 | CBF-POWER CORD;DT,EU,FP3/YES,U(IEC C13-R | 1 | SA |
| ...3 | T0524 | 6902-000110 | BAG PE;LDPE,T0.05,W250,L400,TRP,28,2 | 2 | SNA |
| ...3 | ACCESSORY | AA68-03242E | MANUAL FLYER-01,SAFETY GUIDE;All Model,S | 1 | SNA |
| ...3 | ACCESSORY | AA68-03575A | MANUAL FLYER-01,REGISTRATION C;XEU,ENG,U | 1 | SNA |
| ...3 | ACCESSORY | AA68-03575B | MANUAL FLYER-010,REGISTRATION;XEG,GERMAN | 1 | SNA |
| ...3 | ACCESSORY | AA68-03575C | MANUAL FLYER-01,REGISTRATION C;XEF,FRENC | 1 | SNA |
| ...3 | ACCESSORY | AA68-03575D | MANUAL FLYER-02,REGISTRATION C;XEC,SPANI | 1 | SNA |
| ...3 | ACCESSORY | AA68-03575E | MANUAL FLYER-02,REGISTRATION C;XET,ITALY | 1 | SNA |
| ...3 | ACCESSORY | AA68-03575F | MANUAL FLYER-01,REGISTRATION C;XEN,DUTCH | 1 | SNA |
| ...3 | ACCESSORY | AA68-03575G | MANUAL FLYER-01,REGISTRATION C;XEP,PORTU | 1 | SNA |
| ...3 | T0074 | BN59-00507A | REMOCON;Bordeaux,TM86,SAMSUNG,45Key,PIP, | 1 | SA |
| ...3 | ACCESSORY | BN63-01798A | CLOTH-CLEAN;RE40**,CLOTH,310,320,RHCM | 1 | SNA |
| ...3 | T0531 | BN63-02415B | COVER-BOTTOM;SONOMA,32,HIPS,HB,BK500 | 1 | SNA |
| ...3 | ACCESSORY | BN68-00514A | MANUAL FLYER-04,WARRANTY CARD;PDP/LCD TV | 1 | SNA |
| ...3 | T0059 | BN68-00895A | MANUAL FLYER-CARD;RHCM,SAMSUNG,W/P 5G,PR | 1 | SNA |
| ...3 | T0511 | BN68-01001J | MANUAL USERS;COMM,SAMSUNG,7Langs,W.Europ | 1 | SNA |
| ...3 | ACCESSORY | BN69-01086A | BOX ACCESSORY-00;COMM,SW1,YEL,-,W573,D63 | 1 | SNA |
| ...3 | M0045 | BN96-01800A | ASSY ACCESSORY;ROME32,SCREW | 1 | SA |
|4 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK) | 4 | SA |
|4 | ACCESSORY | 6902-000128 | BAG ZIPPER;LDPE,T0.05,W200,L150,TRP,8,2- | 1 | SNA |
| 1 | M0019 | BN92-01929A | ASSY LABEL;LE32S71B,LE27S71B | 1 | SNA |
| 1 | M0003 | BN92-01931A | ASSY BOX;27T70,EO,SONOMA | 1 | SNA |
| ..2 | T0130 | BN69-01418A | BOX-00,SET;27S7,SY-05,A,YEL,A1,W848,D638 | 1.02 | SNA |
| 1 | M0113 | BN92-01932A | ASSY P/MATERIAL;27T70,SONOMA | 1 | SNA |
| ..2 | T0376 | 6902-000061 | BAG AIR;LDPE,T0.2,L1000,W500,TRP,,, | 0.016 | SNA |
| ..2 | T0524 | 6902-000358 | BAG PE;HDPE/NITRON(DOUBLE),T0.02/T0.5,W9 | 1 | SNA |
| ..2 | T0376 | 6902-000379 | BAG AIR;LDPE,T0.2,W1000,L1800,TRP,-,- | 0.005 | SNA |
| ..2 | T0081 | 6902-000604 | BAG WRAPPING;LDPE,T0.02,W500,L10000,TRP, | 3.8 | SNA |

6-2 LE32S71B Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|---------------|---|-------|--------|
| 0 | | LE32S71BX/XEC | LE32S71B,Q62A/32S70-GSM,32,LCD-TV,SPAIN | 0 | |
| 1 | M0001 | BN90-00858D | ASSY COVER FRONT;32T70,EO,-,ABS+PMMA,HB, | 1 | SNA |
| ..2 | M0081 | 6006-001096 | SCREW-TAPTITE;BH,+,WP,B,M4,0,L12,ZPC(BLK) | 4 | SNA |
| ..2 | T0175 | BN96-03247A | ASSY SPEAKER P;8ohm,Sonoma 32,Left,10W,N | 1 | SA |
| ..2 | T0175 | BN96-03248A | ASSY SPEAKER P;8ohm,Sonoma 32,Right,10W,N | 1 | SA |
| ..2 | T0003 | BN96-03628C | ASSY COVER P-FRONT;32T70,EO,-,ABS+PMMA,B | 1 | SA |
| ...3 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 2 | SNA |
| ...3 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 1 | SNA |
| ...3 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 2 | SNA |
| ...3 | M0162 | 6502-001067 | CABLE CLAMP;DAFC-1300,1D2.2,T5.2,NYLIN6/ | 2 | SNA |
| ...3 | T0069 | AA63-60001E | SPACER-FELT,-,FELT,-,-,BLK,0.5,-,55X15 | 2 | SNA |
| ...3 | T0060 | BN61-01655A | SPRING ETC;STS-304 SUS,D8,L12,T0.5 | 1 | SA |
| ...3 | | BN63-01925A | FELT-VIBRATION;42D5,FELT,T0.35,10,370 | 2 | SNA |
| ...3 | CCM1 | BN63-02183G | COVER-SHEET;Rhcm,PE Vinyl,T0.05,1100mm,2 | 1.65 | SNA |
| ...3 | T0056 | BN63-02413A | COVER-DECORATION;SONOMA 32,HIPS,HB,GR503 | 1 | SNA |
| ...3 | M0112 | BN63-02551B | COVER-FRONT;32T70,EO,ABS+PMMA,-,-,HB,- | 1 | SNA |
| ...3 | T0059 | BN64-00379A | INDICATOR LED;ROME-II,23,PC,CLEAR | 1 | SNA |
| ...3 | T0061 | BN64-00453A | WINDOW-REMOCON;32R71,PC,V0,VIOLET,DIFFUS | 1 | SNA |
| ...3 | T0022 | BN64-00467A | KNOB CONTROL;SONOMA26,32,40,ABS,-,-,V0 | 1 | SNA |
| ...3 | T0023 | BN64-00476A | KNOB POWER;SONOMA,26,32,40,HIPS,HB,GR503 | 1 | SNA |
| ...3 | T0054 | BN64-00477A | KNOB-DECORATION;SONOMA26,32,40,ABS,HB,GR | 1 | SNA |
| ...3 | M0146 | BN96-03438A | ASSY BOARD P-POWER;BORDEAUX2,CT5000-4150 | 1 | SA |
| ...3 | M0145 | BN96-03466A | ASSY BOARD P-FUNCTION;SONOMA,SJ06-01-008 | 1 | SA |
| 1 | M0002 | BN90-00879C | ASSY COVER REAR;32T71,EO,HIPS,HB,BK500 | 1 | SNA |
| ..2 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK) | 2 | SA |
| ..2 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK) | 9 | SA |
| ..2 | M0013 | BN96-03838A | ASSY COVER P-REAR;32T71,EO,HIPS,HB,BK500 | 1 | SA |
| ...3 | T0101 | BN61-02032A | BRACKET-WALL;32,MGM,SECC,T1.6 | 2 | SNA |
| ...3 | M0006 | BN63-02659A | COVER-REAR;32T70,EO,HIPS,-,-,HB,-,BK50 | 1 | SNA |
| ...3 | T0071 | BN64-00444B | INLAY-TERMINAL;32,37,40R71,(BLK),PS SHEE | 1 | SNA |
| ...3 | T0064 | BN65-00002A | CLAMPER CORE;BORDEAUX,PP,V0,BLK | 1 | SNA |
| 1 | M0216 | BN90-00967A | ASSY STAND;32T70,ABS+PMMA,HB,BK23,H/GLOS | 1 | SNA |
| ..2 | T0524 | 6902-000520 | BAG PE;HDPE/NITRON(DOUBLE),T0.015/T0.5(D | 1 | SNA |
| ..2 | M0013 | BN96-03698A | ASSY STAND P-BASE;32T70,ABS+PMMA,HB,BK23 | 1 | SA |
| ...3 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK) | 3 | SA |
| ...3 | M0081 | 6003-001239 | SCREW-TAPTITE;FH,+,B,M4,L10,ZPC(YEL),SWR | 6 | SA |
| ...3 | | BN61-01812A | BRACKET-STAND BOTTOM;32 MILANO,SECC,T2.0 | 1 | SNA |
| ...3 | | BN61-02360A | GUIDE-STAND;SONOMA 32,HIPS VO,BK500 | 1 | SNA |
| ...3 | CCM1 | BN63-02183D | COVER-SHEET;Rhcm,PE Vinyl,T0.05,680mm,20 | 0.34 | SNA |
| ...3 | T0004 | BN63-02697A | COVER-STAND BASE;GML32,ABS+PMMA,HB,BK23, | 1 | SNA |
| ...3 | T0132 | BN73-00052A | RUBBER FOOT;ARES 17,SILICON,DIA 17 * T1. | 6 | SNA |
| 1 | | BN91-01017F | ASSY LCD-SPB;LE32R71B,32",BORDEAUX,AM LC | 1 | SNA |
| ..2 | M0215 | BN07-00247A | LCD-PANEL;LTA320WT-L14,-,8BIT,760*450*50 | 1 | SA |
| 1 | M0017 | BN91-01110C | ASSY CHASSIS;LE32S71BX | 1 | SNA |
| ..2 | M0014 | BN94-01031B | ASSY PCB MAIN;LE32S71BX | 1 | SA |
| ...3 | T0245 | 0202-001522 | SOLDER-WIRE FLUX;LFA3-107,-,D1.2,96.5Sn/ | 0.25 | SNA |
| ...3 | JA709 | 3701-001294 | CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,AU | 1 | SA |
| ...3 | CN330 | 3711-004068 | HEADER-BOARD TO CABLE;BOX,5P,1R,2MM,ANGL | 1 | SA |
| ...3 | CN330 | 3711-004909 | HEADER-BOARD TO CABLE;BOX,14P,2R,2MM,ANG | 1 | SA |
| ...3 | CN503 | 3711-005884 | HEADER-BOARD TO BOARD;BOX,30P,2R,2mm,ANG | 1 | SA |
| ...3 | CN330 | 3711-005942 | HEADER-BOARD TO CABLE;BOX,16P,1R,2mm,STR | 1 | SA |
| ...3 | JA701_EU | 3722-000498 | JACK-SCART;21P,-,SN,BLK,NO | 1 | SA |
| ...3 | JA702_EU | 3722-000498 | JACK-SCART;21P,-,SN,BLK,NO | 1 | SA |
| ...3 | JA330 | 3722-001061 | JACK-PHONE;1P,3.6PI,AG,BLK,N | 1 | SA |
| ...3 | JA330 | 3722-001061 | JACK-PHONE;1P,3.6PI,AG,BLK,N | 1 | SA |
| ...3 | JA333 | 3722-002360 | JACK-PIN;3P,AU,GRN/BLU/RED,STRAIGHT | 1 | SA |
| ...3 | JA333 | 3722-002362 | JACK-PIN;2P,Sn,WHT/RED,STRAIGHT | 1 | SA |
| ...3 | JA333 | 3722-002362 | JACK-PIN;2P,Sn,WHT/RED,STRAIGHT | 1 | SA |
| ...3 | JA333 | 3722-002362 | JACK-PIN;2P,Sn,WHT/RED,STRAIGHT | 1 | SA |
| ...3 | T0562 | 6046-001013 | STAND OFF;M3,L5,Ni PLT,SUM24L,#4-40 | 2 | SNA |
| ...3 | CIS3 | BN40-00079A | TUNER;TCPW3001PD32S(H),TCPW3001PD32S(H), | 1 | SA |
| ...3 | M0107 | BN63-01847A | SHIELD-COVER;ROME,SECC,T0.3,49.5,79.5,HE | 1 | SNA |
| ...3 | CIS8 | BN73-00024C | SILICON/RUBBER-BERGQUIST;VENUS 32,40",SI | 1 | SNA |
| ...3 | T0174 | BN97-01079B | ASSY SMD;LE32S71BX | 1 | SNA |
| ...4 | CIS5 | 0202-001477 | SOLDER-CREAM;LST309-M,-,D20-45\$,96.5Sn/ | 3.033 | SNA |
| ...4 | D100 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D200 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D201 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D202 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D226 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D227 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D228 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D307 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D320 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D321 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D322 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D323 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
| ...4 | D324 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D325 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D326 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D327 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D422_EU | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D423_EU | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D424_EU | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D425_EU | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D467 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D485 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D486 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D487 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D494 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D800 | 0402-000553 | DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2 | 1 | SA |
| ...4 | D801 | 0403-000258 | DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2 | 1 | SA |
| ...4 | D906 | 0403-000258 | DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2 | 1 | SA |
| ...4 | D300 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL | 1 | SA |
| ...4 | D304 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL | 1 | SA |
| ...4 | D305 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL | 1 | SA |
| ...4 | D490 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL | 1 | SA |
| ...4 | D491 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL | 1 | SA |
| ...4 | D492 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL | 1 | SA |
| ...4 | D493 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL | 1 | SA |
| ...4 | D499 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL | 1 | SA |
| ...4 | D500 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL | 1 | SA |
| ...4 | D501 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL | 1 | SA |
| ...4 | D502 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL | 1 | SA |
| ...4 | D503 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL | 1 | SA |
| ...4 | D504 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL | 1 | SA |
| ...4 | D505 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL | 1 | SA |
| ...4 | D506 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL | 1 | SA |
| ...4 | D507 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL | 1 | SA |
| ...4 | D508 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL | 1 | SA |
| ...4 | D509 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL | 1 | SA |
| ...4 | D510 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL | 1 | SA |
| ...4 | D511 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL | 1 | SA |
| ...4 | D512 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL | 1 | SA |
| ...4 | D513 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL | 1 | SA |
| ...4 | D909 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL | 1 | SA |
| ...4 | D911 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL | 1 | SA |
| ...4 | D301 | 0403-001016 | DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL | 1 | SA |
| ...4 | D418 | 0403-001169 | DIODE-ZENER;RLZ16C,15.96-16.51V,500MW,LL | 1 | SA |
| ...4 | D421 | 0403-001169 | DIODE-ZENER;RLZ16C,15.96-16.51V,500MW,LL | 1 | SA |
| ...4 | D101 | 0403-001425 | DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23 | 1 | SA |
| ...4 | D308 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D309 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D400_EU | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D401 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D402_EU | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D403 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D404 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D405 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D406 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D407 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D408 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D409 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D419_EU | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D420_EU | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D428 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D429_EU | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D461 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D462 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D470 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D471 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D472 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D483 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D484 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D600 | 0407-000123 | DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT- | 1 | SA |
| ...4 | D601 | 0407-000123 | DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT- | 1 | SA |
| ...4 | D900 | 0407-000123 | DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT- | 1 | SA |
| ...4 | D901 | 0407-000123 | DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT- | 1 | SA |
| ...4 | Q603 | 0501-000280 | TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23 | 1 | SA |
| ...4 | Q100 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
| ...4 | Q301 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
| ...4 | Q501 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
| ...4 | Q600 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
| ...4 | Q601 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
| ...4 | Q602 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
| ...4 | Q605 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
| ...4 | Q606 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
| ...4 | Q609 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
| ...4 | Q802 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | Q900 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q904 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q905 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q906 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q972 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q973 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q222 | 0501-002080 | TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59 | 1 | SA |
|4 | Q800 | 0501-002080 | TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59 | 1 | SA |
|4 | Q801 | 0501-002080 | TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59 | 1 | SA |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | SA |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | SA |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | SA |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | SA |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | SA |
|4 | Q409 | 0505-001170 | FET-SILICON;SI9933ADY-T1,P,-20V,3.4A,0.0 | 1 | SA |
|4 | IC104 | 0801-002095 | IC-CMOS LOGIC;74LCX245,TRANSEIVER,TSSOP | 1 | SA |
|4 | IC900 | 0903-001432 | IC-MICROCOMPUTER;M30840SGP,16Bit,LQFP,10 | 1 | SNA |
|4 | IC605 | 1001-000164 | IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16 | 1 | SA |
|4 | IC905 | 1001-001109 | IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C | 1 | SA |
|4 | IC107 | 1002-001399 | IC-D/A CONVERTER;PCM1754,24BIT,SSOP,16P, | 1 | SA |
|4 | IC110 | 1006-001076 | IC-DRIVER/RECEIVER;MAX232ECWE+T,SOP,16P, | 1 | SA |
|4 | IC112 | 1103-000129 | IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x | 1 | SA |
|4 | IC112 | 1103-000129 | IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x | 1 | SA |
|4 | IC112 | 1103-001279 | IC-EEPROM;24C32,32Kbit,4Kx8Bit,SOP,8P,5x | 1 | SA |
|4 | IC222 | 1105-001538 | IC-VIDEO RAM;K4D263238,-,128M,4x1Mx32Bit | 1 | SA |
|4 | DU410 | 1201-000166 | IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10 | 1 | SA |
|4 | T0085 | 1201-002136 | IC-AUDIO AMP;LM4810,MSOP,8P,3x3mm,DUAL,- | 1 | SA |
|4 | T0085 | 1201-002246 | IC-AUDIO AMP;STA323W,SO,36P,15.9x11mm,-, | 1 | SA |
|4 | IC910 | 1203-001559 | IC-RESET;DS1834A,SOIC,8P,150MIL,PLASTIC, | 1 | SA |
|4 | T0087 | 1203-001815 | IC-POSI.FIXED REG.;78M09,TO-252,3P,-,PLA | 1 | SA |
|4 | T0087 | 1203-001816 | IC-POSI.FIXED REG.;78M08,TO-252,3P,-,PLA | 1 | SA |
|4 | T0087 | 1203-002842 | IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P | 1 | SA |
|4 | T0087 | 1203-002842 | IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P | 1 | SA |
|4 | T0087 | 1203-002855 | IC-POSI.FIXED REG.;MC33269DTRK-5.0,DPRK, | 1 | SA |
|4 | T0087 | 1203-002974 | IC-POSI.FIXED REG.;AP1117D-25A,TO-252,3P | 1 | SA |
|4 | T0170 | 1203-003059 | IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3 | 1 | SA |
|4 | IC601 | 1204-002464 | IC-AUDIO PROCESSOR;STV8257DSX,TQFP,80P,1 | 1 | SA |
|4 | IC118 | 1204-002503 | IC-VIDEO PROCESS;SVP-PX56-7256,PQFP,256P | 1 | SNA |
|4 | R422_EU | 2007-000040 | R-CHIP;150ohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R221 | 2007-000043 | R-CHIP;1Kohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R222 | 2007-000043 | R-CHIP;1Kohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R9004 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R9005 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R9006 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R9007 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R9008 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R9009 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R9010 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R9015 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R9028 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R9032 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R976 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R109 | 2007-000060 | R-CHIP;100Kohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R807 | 2007-000067 | R-CHIP;15Kohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | 32_ | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R321 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R444 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R446 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R480 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R500 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R501 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R502 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R511 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R512 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R514_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R516 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R523 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R539 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R540 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R542 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R563_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R564_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R565_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R566_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R567_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R568_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R569_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R570_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R571_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R572_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R574 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R575 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|-------------------------------|------|--------|
|4 | R577 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R592 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R656 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R691 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R692 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R693 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9000 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9013 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9014 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9030 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R909 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R913 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R931 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R932 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R933 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R934 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R936 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R939 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R940 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R941 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R949 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R950 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R951 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R952 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R953 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R998 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R224 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R225 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R226 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R227 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R458 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R499 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R503 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R504 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R505 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R506 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R507 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R508 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R509 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R510 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R518 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R585 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R586 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R104 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R105 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R306 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R308 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R475 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R495 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R611 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R612 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R658 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R659 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R676 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R682 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA</ |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---------------------------------|------|--------|
|4 | R644 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R645 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R648 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R650 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R651 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R653 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R654 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R678 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R679 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R680 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R802 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9002 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R901 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9016 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9023 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9025 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R911 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R916 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R917 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R919 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R937 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R947 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R966 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R967 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R971 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R972 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R973 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R977 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R978 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R999 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R562 | 2007-000075 | R-CHIP;220ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R100 | 2007-000076 | R-CHIP;330ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R402_EU | 2007-000076 | R-CHIP;330ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R404_EU | 2007-000076 | R-CHIP;330ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R405 | 2007-000076 | R-CHIP;330ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R410 | 2007-000076 | R-CHIP;330ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R114 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R307 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R311 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R403 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R407 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R408 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R411 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R429 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R474 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R476 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R487 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R528 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R590 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R591 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R810 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9026 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R946 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R103 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R106 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R312 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R322 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R522 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R535 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R537 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R554 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R576 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9019 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9044 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9045 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R905 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R928 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R935 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R530 | 2007-000082 | R-CHIP;3.3Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R532 | 2007-000082 | R-CHIP;3.3Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R925 | 2007-000082 | R-CHIP;3.3Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R926 | 2007-000082 | R-CHIP;3.3Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R963 | 2007-000082 | R-CHIP;3.3Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R964 | 2007-000082 | R-CHIP;3.3Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R242 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R526 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R541 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R578 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R593 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R643 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R655 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R808 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---------------------------------|------|--------|
|4 | R809 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9033 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9034 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9035 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9036 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9037 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9038 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9051 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9052 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9053 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9054 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9055 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9056 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9057 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R908 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R918 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R923 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R924 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R927 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R929 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R930 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R938 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R943 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R962 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R996 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R426 | 2007-000087 | R-CHIP;6.8Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R427 | 2007-000087 | R-CHIP;6.8Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R302 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R303 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R316 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R445 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R447 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R459 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R473 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R515 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R519 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R555 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R556 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R610 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R661 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R673 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R801 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R803 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R804 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9029 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9043 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R906 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R907 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R912 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R915 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R920 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R921 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R922 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R954 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R956 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R970 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R994 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R995 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R806 | 2007-000092 | R-CHIP;15Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R664 | 2007-000093 | R-CHIP;20Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R666 | 2007-000093 | R-CHIP;20Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R101 | 2007-000094 | R-CHIP;22Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R670 | 2007-000094 | R-CHIP;22Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R914 | 2007-000094 | R-CHIP;22Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R313 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R400_EU | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R401_EU | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R601 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R646 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R652 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R657 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R665 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R993 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R602 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R603 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R604 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R605 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R606 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R607 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R608 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R609 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R626 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---------------------------------|------|--------|
|4 | R627 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R628 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R629 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R630 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R631 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R632 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R633 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R102 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R660 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R663 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R667 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R800 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R107 | 2007-000106 | R-CHIP;220Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R111 | 2007-000106 | R-CHIP;220Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R112 | 2007-000106 | R-CHIP;220Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R668 | 2007-000107 | R-CHIP;470Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R5004 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R550 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R551 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R553 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R638 | 2007-000119 | R-CHIP;560ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R236 | 2007-000123 | R-CHIP;1.5Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R237 | 2007-000123 | R-CHIP;1.5Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R238 | 2007-000123 | R-CHIP;1.5Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R683 | 2007-000125 | R-CHIP;3.9Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R490_EU | 2007-000287 | R-CHIP;100OHM,1%,1/10W,TP,1608 | 1 | SA |
|4 | R413 | 2007-000293 | R-CHIP;100ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R417 | 2007-000293 | R-CHIP;100ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R420_EU | 2007-000293 | R-CHIP;100ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R421_EU | 2007-000293 | R-CHIP;100ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R434 | 2007-000293 | R-CHIP;100ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R481 | 2007-000293 | R-CHIP;100ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R323 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R324 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R325 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R326 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R327 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R328 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R329 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R330 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R942 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R955_OP | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R957_OP | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R969 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R974 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R975 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R979 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R980 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R982 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R983 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R984 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R985 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R986 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R987 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R988 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R989 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R990 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R991 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R992 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R997 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R412 | 2007-000458 | R-CHIP;18Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R416 | 2007-000458 | R-CHIP;18Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9041 | 2007-000704 | R-CHIP;3.6Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9042 | 2007-000704 | R-CHIP;3.6Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R557 | 2007-000903 | R-CHIP;430ohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R117 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R118 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R414 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R415 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R418 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R477 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R478 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R482 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R902 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R903 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R948 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R223 | 2007-001014 | R-CHIP;51OHM,5%,1/10W,TP,1608 | 1 | SA |
|4 | R228 | 2007-001014 | R-CHIP;51OHM,5%,1/10W,TP,1608 | 1 | SA |
|4 | R805 | 2007-001068 | R-CHIP;6.8Kohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R419_EU | 2007-001131 | R-CHIP;68ohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R432_EU | 2007-001131 | R-CHIP;68ohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R110 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | R318 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R320 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R423 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R424 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R425 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R428_EU | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R435 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R484 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R485 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R486 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R468 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R469 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R470 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R471 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R472 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R483 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R496 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R497 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R430_EU | 2007-007733 | R-CHIP;51ohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R675 | 2007-008720 | R-CHIP;4.7ohm,1%,1/4W,TP,3216 | 1 | SA |
|4 | R677 | 2007-008720 | R-CHIP;4.7ohm,1%,1/4W,TP,3216 | 1 | SA |
|4 | R681 | 2007-008720 | R-CHIP;4.7ohm,1%,1/4W,TP,3216 | 1 | SA |
|4 | R684 | 2007-008720 | R-CHIP;4.7ohm,1%,1/4W,TP,3216 | 1 | SA |
|4 | IC223 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA221 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA222 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA223 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA224 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA225 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA226 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA227 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA903 | 2011-000651 | R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA904 | 2011-000651 | R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA906 | 2011-000651 | R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA907 | 2011-000651 | R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA908 | 2011-000651 | R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA910 | 2011-000651 | R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA500 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA501 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA900 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA901 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA902 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA905 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA909 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA911 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA913 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA916 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA917 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA918 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA919 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA920 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA921 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA922 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | C6003 | 2203-000125 | C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,- | 1 | SA |
|4 | C616 | 2203-000140 | C-CER,CHIP;1.5nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C632 | 2203-000140 | C-CER,CHIP;1.5nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C120 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C250 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C303 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C486 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C511 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C512 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C513 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C514 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C516 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C517 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C518 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C521 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C522 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C523 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C524 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C525 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C526 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C527 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C529 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C530 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C532 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C533 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C534 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C535 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C537 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C538 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---------------------------------------|------|--------|
|4 | C545 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C548 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C549 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C551 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C553 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C554 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C555 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C558 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C560 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C561 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C564 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C565 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C566 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C567 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C568 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C569 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C570 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C571 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C572 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C573 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C577 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C588 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C589 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C590 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C591 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C593 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C595 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C597 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C598 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C6004 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C6016 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C6017 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C620 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C625 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C626 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C627 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C628 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C644 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C649 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C651 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C652 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C660 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C664 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C680 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C682 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C687 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C801 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C803 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C805 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C812 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C813 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C815 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C817 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C834 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C836 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C839 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C840 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C849 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C867 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C868 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C900 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C904 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C943 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C117 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C118 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C269 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C270 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C400_EU | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C401 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C402_EU | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C403 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C404 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C405 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C406 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C407 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C408_EU | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C410_EU | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C412 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C413 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C423 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C424 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C487 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---------------------------------------|------|--------|
| ...4 | C488 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C6006 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C6007 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C6008 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C623 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C678 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C679 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C926 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C928 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C930_EU | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C936_EU | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C101 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C111 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C112 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C228 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C229 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C230 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C231 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C232 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C238 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C241 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C244 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C264 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C265 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C268 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C504 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C505 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C506 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C507 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C508 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C541 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C622 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C800 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C802 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C810 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C814 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C816 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C830 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C843 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C944 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C841 | 2203-000405 | C-CER,CHIP;0.18nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C901 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C903 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C908 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C931 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C933 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C937 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C114 | 2203-000491 | C-CER,CHIP;2.2nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C575 | 2203-000531 | C-CER,CHIP;2.7nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C592 | 2203-000531 | C-CER,CHIP;2.7nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C500 | 2203-000552 | C-CER,CHIP;0.02nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C510 | 2203-000552 | C-CER,CHIP;0.02nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C639 | 2203-000626 | C-CER,CHIP;0.022nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C647 | 2203-000626 | C-CER,CHIP;0.022nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C911 | 2203-000626 | C-CER,CHIP;0.022nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C912 | 2203-000626 | C-CER,CHIP;0.022nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C938 | 2203-000626 | C-CER,CHIP;0.022nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C939 | 2203-000626 | C-CER,CHIP;0.022nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C842 | 2203-000715 | C-CER,CHIP;3.3nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C304 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C305 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C483 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C484 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C688 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C696 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C945_EU | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C662 | 2203-000798 | C-CER,CHIP;33nF,10%,16V,X7R,TP,1608,- | 1 | SA |
| ...4 | C663 | 2203-000798 | C-CER,CHIP;33nF,10%,16V,X7R,TP,1608,- | 1 | SA |
| ...4 | C435_EU | 2203-000815 | C-CER,CHIP;0.033nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C436_EU | 2203-000815 | C-CER,CHIP;0.033nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C437_EU | 2203-000815 | C-CER,CHIP;0.033nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C115 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C223 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C224 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C502 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C503 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C674 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C675 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | SA |
| ...4 | C104 | 2203-000972 | C-CER,CHIP;47nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C634 | 2203-000972 | C-CER,CHIP;47nF,10%,16V,X7R,1608 | 1 | SA |
| ...4 | C266 | 2203-000998 | C-CER,CHIP;0.047nF,5%,50V,C0G,1608 | 1 | SA |
| ...4 | C409_EU | 2203-000998 | C-CER,CHIP;0.047nF,5%,50V,C0G,1608 | 1 | SA |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | C411 | 2203-000998 | C-CER,CHIP;0.047nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C629 | 2203-001402 | C-CER,CHIP;220nF,+80-20%,16V,Y5V,TP,1608 | 1 | SA |
|4 | C106 | 2203-001607 | C-CER,CHIP;0.22nF,5%,50V,NP0,1608 | 1 | SA |
|4 | C6009 | 2203-001607 | C-CER,CHIP;0.22nF,5%,50V,NP0,1608 | 1 | SA |
|4 | C670 | 2203-001652 | C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608 | 1 | SA |
|4 | C672 | 2203-001652 | C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608 | 1 | SA |
|4 | C617 | 2203-001656 | C-CER,CHIP;0.47nF,5%,50V,NP0,1608 | 1 | SA |
|4 | C631 | 2203-001656 | C-CER,CHIP;0.47nF,5%,50V,NP0,1608 | 1 | SA |
|4 | C673 | 2203-001724 | C-CER,CHIP;4700nF,+80-20%,16V,Y5V,3216 | 1 | SA |
|4 | C103 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C110 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C221 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C222 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C235 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C236 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C261 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C501 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C519 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C528 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C543 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C601 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C640 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C641 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C642 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C643 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C657 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C665 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C822 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C825 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C827 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C851 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C853 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C856 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C859 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C861 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C914 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C915 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C916 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C918 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C920 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C922 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C923 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C924 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C925 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C935 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C941 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C689 | 2203-005030 | C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216 | 1 | SA |
|4 | C697 | 2203-005030 | C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216 | 1 | SA |
|4 | C300 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | SA |
|4 | C536 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | SA |
|4 | C699 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | SA |
|4 | C823 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | SA |
|4 | C870 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | SA |
|4 | C919 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | SA |
|4 | C942 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | SA |
|4 | C6001 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C6002 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C6005 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C6011 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C677 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C681 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C683 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C685 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C690 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C691 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C692 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C693 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C694 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C695 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C698 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C546 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C547 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C550 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C552 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C556 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C557 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C559 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C562 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C563 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C578 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C579 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C580 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | C581 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C582 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C583 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C584 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C585 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C586 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C594 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C596 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C824 | 2203-005834 | C-CER,CHIP;22000nF,+80-20%,10V,Y5V,3216 | 1 | SA |
|4 | C302 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C574 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C576 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C587 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C599 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C600 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C6015 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C603 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C604 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C605 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C606 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C607 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C608 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C609 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C610 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C611 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C613 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C618 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C619 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C621 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C624 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C630 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C636 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C645 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C646 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C648 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C650 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C653 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C654 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C655 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C656 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C658 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C686 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C852 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C855 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C921 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C5001 | 2402-001059 | C-AL,SMD;220UF,20%,6.3V,-,TP,6X6.6X6.6 | 1 | SA |
|4 | C5002 | 2402-001059 | C-AL,SMD;220UF,20%,6.3V,-,TP,6X6.6X6.6 | 1 | SA |
|4 | C806 | 2402-001081 | C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10 | 1 | SA |
|4 | C819 | 2402-001081 | C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10 | 1 | SA |
|4 | C835 | 2402-001081 | C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10 | 1 | SA |
|4 | C239 | 2402-001097 | C-AL,SMD;0.1UF,20%,50V,WT,TP,4.3X4.3X5.2 | 1 | SA |
|4 | C240 | 2402-001097 | C-AL,SMD;0.1UF,20%,50V,WT,TP,4.3X4.3X5.2 | 1 | SA |
|4 | C102 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
|4 | C107 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
|4 | C108 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
|4 | C615 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
|4 | C668 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
|4 | C669 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
|4 | C671 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
|4 | C811 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
|4 | C848 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
|4 | C854 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
|4 | C116 | 2402-001129 | C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM | 1 | SA |
|4 | C249 | 2402-001129 | C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM | 1 | SA |
|4 | C509 | 2402-001129 | C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM | 1 | SA |
|4 | C635 | 2402-001129 | C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM | 1 | SA |
|4 | C667 | 2402-001129 | C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM | 1 | SA |
|4 | C807 | 2402-001129 | C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM | 1 | SA |
|4 | C820 | 2402-001129 | C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM | 1 | SA |
|4 | C666 | 2402-001160 | C-AL,SMD;330UF,20%,16V,WT,TP,1008 | 1 | SA |
|4 | C485 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
|4 | C531 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
|4 | C684 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
|4 | C826 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
|4 | C902 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
|4 | C907 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
|4 | C913 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
|4 | C917 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
|4 | C950 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
|4 | C100 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | SA |
|4 | C227 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | SA |
|4 | C237 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | SA |

6 Electrical Parts List

[illegible]

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|-----------|-------------|--|-------|--------|
| ..2 | M0081 | 6003-000115 | SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC | 4 | SNA |
| ..2 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 6 | SNA |
| ..2 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 2 | SNA |
| ..2 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 2 | SNA |
| ..2 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 4 | SNA |
| ..2 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 1 | SNA |
| ..2 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 2 | SNA |
| ..2 | T0081 | 6006-000245 | SCREW-MACHINE;WSP,PH,+,M4,L8,ZPC(YEL),SW | 4 | SNA |
| ..2 | T0081 | 6006-000245 | SCREW-MACHINE;WSP,PH,+,M4,L8,ZPC(YEL),SW | 1 | SNA |
| ..2 | T0069 | AA60-00171L | SPACER-FELT;46L3,FELT,460,T0.5,10 | 2 | SNA |
| ..2 | M2893 | BH39-00362B | LEAD CONNECTOR;RE32**,UL1007#26,5P,150mm | 1 | SA |
| ..2 | M2893 | BN39-00603M | LEAD CONNECTOR;LE40R73BDX,UL1007#26,14P, | 1 | SA |
| ..2 | T0076 | BN39-00615D | CBF HARNESS;BORDEAUX,1617#22,3P,1P,RING, | 1 | SA |
| ..2 | M2893 | BN39-00691A | LEAD CONNECTOR;Torino-32,UL1007#26,16P,1 | 1 | SA |
| ..2 | M2893 | BN39-00712C | LEAD CONNECTOR-LVDS;Bordeaux,UL1571#30,U | 1 | SA |
| ..2 | | BN61-02364A | BRACKET-STAND LINK;SONOMA 32,SECC,T1.6 | 1 | SNA |
| ..2 | 32" AMLCD | BN61-02419A | BRACKET-PANEL SIDE;SONOMA 32,SECC,T1.2,A | 4 | SNA |
| ..2 | M0114 | BN61-02500A | HOLDER-WIRE;NYLON6.6,NATURAL | 2 | SNA |
| ..2 | T0447 | BN96-02999A | ASSY BRACKET P-PANEL;BORDEAUX,32,AMLCD,S | 1 | SNA |
| ..3 | M0146 | BN61-02194A | BRACKET-PANEL TOP;Bordeaux 32,SECC,T1.2 | 1 | SNA |
| ..3 | | BN61-02195A | BRACKET-PANEL BOTTOM;Bordeaux 32,SECC,T1 | 1 | SNA |
| ..3 | | BN61-02198A | BRACKET-GUIDE MAIN;Bordeaux 32,SECC,T1.2 | 1 | SNA |
| ..3 | | BN61-02199A | BRACKET-GUIDE POWER;Bordeaux 32,SECC,T1. | 1 | SNA |
| ..3 | | BN61-02200A | BRACKET-GUIDE POWER;Bordeaux 32,SECC,T1. | 1 | SNA |
| ..3 | M0131 | AA63-01437A | GASKET;Bordeaux,Conductive Fabric,20mm,9 | 1 | SNA |
| ..2 | | BN96-03186F | ASSY BOARD P-HOLDER AV;SONOMA,32,EQ,HIPS | 1 | SNA |
| ..3 | | BN61-02365B | HOLDER-SIDE AV;SONOMA,32,HIPS,HB,BK500 | 1 | SNA |
| ..3 | T0578 | BN64-00454A | INLAY AV;BORDEAUX,H/GLOSSY,PS SHEET,T0.3 | 1 | SNA |
| ..3 | M0020 | BN96-02439A | ASSY BOARD P-SUB AV SIDE;MILANO,CT5000-3 | 1 | SA |
| ..3 | M2893 | BN39-00672A | LEAD CONNECTOR;LNR329DX/XAA,UL2835#28,UL | 1 | SA |
| ..2 | T0159 | BN96-03775A | ASSY PCB P-SMPS;FreeVoltage SMPS,LA32R71 | 1 | SA |
| 1 | M0003 | BN92-01700D | ASSY BOX;32T70,E0,SONOMA | 1 | SNA |
| ..2 | T0130 | BN69-01312C | BOX-00,SET;32T7,SY-05,A,YEL,A1,EUROPE | 1.02 | SNA |
| 1 | M0113 | BN92-01703A | ASSY P/MATERIAL;32T70,SONOMA | 1 | SNA |
| ..2 | T0376 | 6902-000061 | BAG AIR;LDPE,T0.2,L1000,W500,TRP,,, | 0.016 | SNA |
| ..2 | T0376 | 6902-000379 | BAG AIR;LDPE,T0.2,W1000,L1800,TRP,-,- | 0.007 | SNA |
| ..2 | T0524 | 6902-000519 | BAG PE;HDPE/NITRON(DOUBLE),T0.015/T0.05(| 1 | SNA |
| ..2 | T0081 | 6902-000604 | BAG WRAPPING;LDPE,T0.02,W500,L10000,TRP, | 6.35 | SNA |
| 1 | M0045 | BN92-01926A | ASSY ACCESSORY;LE27S71BX | 1 | SNA |
| ..2 | M0045 | BN96-03946A | ASSY ACCESSORY;LE27S71BX/XEC | 1 | SA |
| ..3 | T0268 | 3903-000145 | CBF-POWER CORD;DT,EU,FP3/YES,U(IEC C13-R | 1 | SA |
| ..3 | T0524 | 6902-000110 | BAG PE;LDPE,T0.05,W250,L400,TRP,28,2 | 2 | SNA |
| ..3 | ACCESSORY | AA68-03242E | MANUAL FLYER-01,SAFETY GUIDE;All Model,S | 1 | SNA |
| ..3 | ACCESSORY | AA68-03575A | MANUAL FLYER-01,REGISTRATION C;XEU,ENG,U | 1 | SNA |
| ..3 | ACCESSORY | AA68-03575B | MANUAL FLYER-010,REGISTRATION;XEG,GERMAN | 1 | SNA |
| ..3 | ACCESSORY | AA68-03575C | MANUAL FLYER-01,REGISTRATION C;XEF,FRENC | 1 | SNA |
| ..3 | ACCESSORY | AA68-03575D | MANUAL FLYER-02,REGISTRATION C;XEC,SPANI | 1 | SNA |
| ..3 | ACCESSORY | AA68-03575E | MANUAL FLYER-02,REGISTRATION C;XET,ITALY | 1 | SNA |
| ..3 | ACCESSORY | AA68-03575F | MANUAL FLYER-01,REGISTRATION C;XEN,DUTCH | 1 | SNA |
| ..3 | ACCESSORY | AA68-03575G | MANUAL FLYER-01,REGISTRATION C;XEP,PORTU | 1 | SNA |
| ..3 | T0074 | BN59-00507A | REMOCON;Bordeaux,TM86,SAMSUNG,45Key,PIP, | 1 | SA |
| ..3 | ACCESSORY | BN63-01798A | CLOTH-CLEAN;RE40**,CLOTH,310,320,RHCM | 1 | SNA |
| ..3 | T0531 | BN63-02415B | COVER-BOTTOM;SONOMA,32,HIPS,HB,BK500 | 1 | SNA |
| ..3 | ACCESSORY | BN68-00514A | MANUAL FLYER-04,WARRANTY CARD;PDP/LCD TV | 1 | SNA |
| ..3 | T0059 | BN68-00895A | MANUAL FLYER-CARD;RHCM,SAMSUNG,W/P 5G,PR | 1 | SNA |
| ..3 | T0511 | BN68-01001J | MANUAL USERS;COMM,SAMSUNG,7Langs,W,Europ | 1 | SNA |
| ..3 | ACCESSORY | BN69-01086A | BOX ACCESSORY-00;COMM,SW1,YEL,-,W573,D63 | 1 | SNA |
| ..3 | M0045 | BN96-01800A | ASSY ACCESSORY;ROME32,SCREW | 1 | SA |
|4 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK) | 4 | SA |
|4 | ACCESSORY | 6902-000128 | BAG ZIPPER;LDPE,T0.05,W200,L150,TRP,8,2- | 1 | SNA |
| 1 | M0019 | BN92-01929A | ASSY LABEL;LE32S71B,LE27S71B | 1 | SNA |

6-3 LE37S71B Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|---------------|---|-------|--------|
| 0 | | LE37S71BX/XEC | LE37S71B,Q62Q/37S70-GSM,37,LCD-TV,SPAIN | 0 | |
| 1 | M0216 | BN90-00966A | ASSY STAND;40T70,ABS+PMMA,HB,BK23,H/GLOS | 1 | SNA |
| ..2 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK) | 4 | SA |
| ..2 | M0013 | BN96-03697A | ASSY STAND P-BASE;SONOMA40,ABS+PMMA,HB,B | 1 | SA |
| ...3 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK) | 7 | SA |
| ...3 | M0081 | 6003-001239 | SCREW-TAPTITE;FH,+,B,M4,L10,ZPC(YEL),SWR | 11 | SA |
| ...3 | | BN61-01811A | BRACKET-STAND BOTTOM;40 MILANO,SECC,T3.0 | 1 | SNA |
| ...3 | | BN61-02361A | GUIDE-STAND;SONOMA 40,HIPS V0,BK500 | 1 | SNA |
| ...3 | CCM1 | BN63-02183E | COVER-SHEET;Rhcm,PE Vinyl,T0.05,750mm,20 | 0.45 | SNA |
| ...3 | T0004 | BN63-02698A | COVER-STAND BASE;GML40,ABS+PMMA,HB,BK23, | 1 | SNA |
| ...3 | T0132 | BN73-00052A | RUBBER FOOT;ARES 17,SILICON,DIA 17 * T1. | 9 | SNA |
| 1 | M0001 | BN90-01030A | ASSY COVER FRONT;37T70,EQ,ABS+PMMA,HB,BK | 1 | SNA |
| ..2 | M0081 | 6006-001096 | SCREW-TAPTITE;BH,+,WP,B,M4.0,L12,ZPC(BLK) | 4 | SNA |
| ..2 | T0175 | BN96-03247A | ASSY SPEAKER P;8ohm,Sonoma 32,Left,10W,N | 1 | SA |
| ..2 | T0175 | BN96-03248A | ASSY SPEAKER P;8ohm,Sonoma 32,Right,10W,N | 1 | SA |
| ..2 | T0003 | BN96-04044A | ASSY COVER P-FRONT;37S71,EQ,ABS+PMMA,HB, | 1 | SA |
| ...3 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 2 | SNA |
| ...3 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 1 | SNA |
| ...3 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 2 | SNA |
| ...3 | M0162 | 6502-001067 | CABLE CLAMP;DAFC-1300,ID2.2,T5.2,NYLON6/ | 2 | SNA |
| ...3 | T0060 | BN61-01655A | SPRING ETC;STS-304 SUS,D8,L12,T0.5 | 1 | SA |
| ...3 | CCM1 | BN63-02183H | COVER-SHEET;Rhcm,PE Vinyl,T0.05,1300mm,2 | 1.983 | SNA |
| ...3 | M0112 | BN63-02747A | COVER-FRONT;37S71,EQ,ABS+PMMA,-,-,HB,- | 1 | SNA |
| ...3 | T0056 | BN63-02749A | COVER-DECORATION;37T7,HIPS,HB,GR70,Spray | 1 | SNA |
| ...3 | T0059 | BN64-00379A | INDICATOR LED;ROME-II,23,PC,CLEAR | 1 | SNA |
| ...3 | T0061 | BN64-00453A | WINDOW-REMOCON;32R71,PC,V0,VIOLET,DIFFUS | 1 | SNA |
| ...3 | T0022 | BN64-00467A | KNOB CONTROL;SONOMA26,32,40,ABS,-,-,V0 | 1 | SNA |
| ...3 | T0023 | BN64-00476A | KNOB POWER;SONOMA,26,32,40,HIPS,HB,GR503 | 1 | SNA |
| ...3 | T0054 | BN64-00477A | KNOB-DECORATION;SONOMA26,32,40,ABS,HB,GR | 1 | SNA |
| ...3 | M0146 | BN96-03438A | ASSY BOARD P-POWER & IR;BORDEAUX2,CT5000 | 1 | SA |
| ...3 | M0145 | BN96-03466A | ASSY BOARD P-FUNCTION;SONOMA,SJ06-01-008 | 1 | SA |
| 1 | M0002 | BN90-01031A | ASSY COVER REAR;37S71,EQ,HIPS,HB,BK500 | 1 | SNA |
| ..2 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK) | 3 | SA |
| ..2 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK) | 12 | SA |
| ..2 | M0013 | BN96-04045A | ASSY COVER P-REAR;37S71,EQ,HIPS,HB,BK500 | 1 | SA |
| ...3 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 2 | SNA |
| ...3 | T0101 | BN61-02032A | BRACKET-WALL;32,MGM,SECC,T1.6 | 1 | SNA |
| ...3 | M0006 | BN63-02748A | COVER-REAR;37S71,HIPS,-,-,HB,-,BK500,S | 1 | SNA |
| ...3 | T0071 | BN64-00444B | INLAY-TERMINAL;32,37,40R71,(BLK),PS SHEE | 1 | SNA |
| ...3 | T0064 | BN65-00002A | CLAMPER CORE;BORDEAUX,PP,V0,BLK | 1 | SNA |
| 1 | MP1.0 | BN91-00912H | ASSY LCD-AMZ;ROME 37",AUO(T370XW01) | 1 | SNA |
| ..2 | M0215 | BN07-00255A | LCD-PANEL;T370XW01,8bit,877.0*514.6*54.7 | 1 | SA |
| 1 | M0017 | BN91-01144A | ASSY CHASSIS;LE37S71BX/* | 1 | SNA |
| ..2 | M0014 | BN94-01041A | ASSY PCB MAIN;LE37S71BX/* | 1 | SA |
| ...3 | T0245 | 0202-001522 | SOLDER-WIRE FLUX;LFA3-107,-,D1.2,96.5Sn/ | 0.25 | SNA |
| ...3 | JA709 | 3701-001294 | CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,AU | 1 | SA |
| ...3 | CN330 | 3711-004068 | HEADER-BOARD TO CABLE;BOX,5P,1R,2MM,ANGL | 1 | SA |
| ...3 | CN330 | 3711-004909 | HEADER-BOARD TO CABLE;BOX,14P,2R,2MM,ANG | 1 | SA |
| ...3 | CN503 | 3711-005884 | HEADER-BOARD TO BOARD;BOX,30P,2R,2mm,ANG | 1 | SA |
| ...3 | CN330 | 3711-005942 | HEADER-BOARD TO CABLE;BOX,16P,1R,2mm,STR | 1 | SA |
| ...3 | JA701_EU | 3722-000498 | JACK-SCART;21P,-,SN,BLK,NO | 1 | SA |
| ...3 | JA702_EU | 3722-000498 | JACK-SCART;21P,-,SN,BLK,NO | 1 | SA |
| ...3 | JA330 | 3722-001061 | JACK-PHONE;1P,3.6PI,AG,BLK,N | 1 | SA |
| ...3 | JA330 | 3722-001061 | JACK-PHONE;1P,3.6PI,AG,BLK,N | 1 | SA |
| ...3 | JA333 | 3722-002360 | JACK-PIN;3P,AU,GRN/BLU/RED,STRAIGHT | 1 | SA |
| ...3 | JA333 | 3722-002362 | JACK-PIN;2P,Sn,WHT/RED,STRAIGHT | 1 | SA |
| ...3 | JA333 | 3722-002362 | JACK-PIN;2P,Sn,WHT/RED,STRAIGHT | 1 | SA |
| ...3 | JA333 | 3722-002362 | JACK-PIN;2P,Sn,WHT/RED,STRAIGHT | 1 | SA |
| ...3 | T0562 | 6046-001013 | STAND OFF;M3,L5,Ni PLT,SUM24L,#4-40 | 1 | SA |
| ...3 | CIS3 | BN40-00079A | TUNER;TCPW3001PD32S(H),TCPW3001PD32S(H), | 2 | SNA |
| ...3 | M0107 | BN63-01847A | SHIELD-COVER;ROME,SECC,T0.3,49.5,79.5,HE | 1 | SNA |
| ...3 | CIS8 | BN73-00024C | SILICON/RUBBER-BERGQUIST;VENUS 32,40",SI | 1 | SNA |
| ...3 | T0174 | BN97-01105A | ASSY SMD;LE37S71BX/* | 1 | SNA |
| ...4 | CIS5 | 0202-001477 | SOLDER-CREAM;LST309-M,-,D20-45\$,96.5Sn/ | 3.033 | SNA |
| ...4 | D100 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D200 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D201 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D202 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D226 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D227 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D228 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D307 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
| ...4 | D320 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D321 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D322 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D323 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D324 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D325 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D326 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D327 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D422_EU | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D423_EU | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D424_EU | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D425_EU | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D467 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D485 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D486 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D487 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D494 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D498_DE | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D800 | 0402-000553 | DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2 | 1 | SA |
| ...4 | D801 | 0403-000258 | DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2 | 1 | SA |
| ...4 | D906 | 0403-000258 | DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2 | 1 | SA |
| ...4 | D300 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D304 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D305 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D490 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D491 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D492 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D493 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D499 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D500 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D501 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D502 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D503 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D504 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D505 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D506 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D507 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D508 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D509 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D510 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D511 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D512 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D513 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D909 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D911 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D301 | 0403-001016 | DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL- | 1 | SA |
| ...4 | D418 | 0403-001169 | DIODE-ZENER;RLZ16C,15.96-16.51V,500MW,LL | 1 | SA |
| ...4 | D421 | 0403-001169 | DIODE-ZENER;RLZ16C,15.96-16.51V,500MW,LL | 1 | SA |
| ...4 | D101 | 0403-001425 | DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23 | 1 | SA |
| ...4 | D308 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D309 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D400_EU | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D401 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D402_EU | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D403 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D404 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D405 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D406 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D407 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D408 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D409 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D419_EU | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D420_EU | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D428 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D429_EU | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D461 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D462 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D470 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D471 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D472 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D483 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D484 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D495_DE | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D496_DE | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D497_DE | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
| ...4 | D600 | 0407-000123 | DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT- | 1 | SA |
| ...4 | D601 | 0407-000123 | DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT- | 1 | SA |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | D900 | 0407-000123 | DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT- | 1 | SA |
|4 | D901 | 0407-000123 | DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT- | 1 | SA |
|4 | D910_OP | 0407-000123 | DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT- | 1 | SA |
|4 | Q603 | 0501-000280 | TR-SMALL SIGNAL;KSA1182,NPN,150mW,SOT-23 | 1 | SA |
|4 | Q100 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q301 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q501 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q600 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q601 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q602 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q605 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q606 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q609 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q802 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q900 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q904 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q905 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q906 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q972 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q973 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q222 | 0501-002080 | TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59 | 1 | SA |
|4 | Q800 | 0501-002080 | TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59 | 1 | SA |
|4 | Q801 | 0501-002080 | TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59 | 1 | SA |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | SA |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | SA |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | SA |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | SA |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | SA |
|4 | Q409 | 0505-001170 | FET-SILICON;Si9933ADY-T1,P,-20V,3.4A,0.0 | 1 | SA |
|4 | IC104 | 0801-002095 | IC-CMOS LOGIC;74LCX245,TRANSCEIVER,TSSOP | 1 | SA |
|4 | IC900 | 0903-001432 | IC-MICROCOMPUTER;M30840SGP,16Bit,LQFP,10 | 1 | SNA |
|4 | IC605 | 1001-000164 | IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16 | 1 | SA |
|4 | IC905 | 1001-001109 | IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C | 1 | SA |
|4 | IC107 | 1002-001399 | IC-D/A CONVERTER;PCM1754,24BIT,SSOP,16P, | 1 | SA |
|4 | IC110 | 1006-001076 | IC-DRIVER/RECEIVER;MAX232ECWE+T,SOP,16P, | 1 | SA |
|4 | IC112 | 1103-000129 | IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x | 1 | SA |
|4 | IC112 | 1103-000129 | IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x | 1 | SA |
|4 | IC112 | 1103-001279 | IC-EEPROM;24C32,32Kbit,4Kx8Bit,SOP,8P,5x | 1 | SA |
|4 | IC222 | 1105-001538 | IC-VIDEO RAM;K4D263238,-,128M,4x1Mx32Bit | 1 | SA |
|4 | DU410 | 1201-000166 | IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10 | 1 | SA |
|4 | T0085 | 1201-002136 | IC-AUDIO AMP;LM4810,MSOP,8P,3x3mm,DUAL,- | 1 | SA |
|4 | T0085 | 1201-002246 | IC-AUDIO AMP;STA323W,SO,36P,15.9x11mm,-, | 1 | SA |
|4 | IC910 | 1203-001559 | IC-RESET;DS1834A,SOIC,8P,150MIL,PLASTIC, | 1 | SA |
|4 | T0087 | 1203-001815 | IC-POSI.FIXED REG.;78M09,TO-252,3P,-,PLA | 1 | SA |
|4 | T0087 | 1203-001816 | IC-POSI.FIXED REG.;78M08,TO-252,3P,-,PLA | 1 | SA |
|4 | IC909_OP | 1203-001824 | IC-VOL. DETECTOR;7042,SOT-89,3P,-,PLASTI | 1 | SA |
|4 | T0087 | 1203-002842 | IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P | 1 | SA |
|4 | T0087 | 1203-002842 | IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P | 1 | SA |
|4 | T0087 | 1203-002855 | IC-POSI.FIXED REG.;MC33269DTRK-5.0,DPRK, | 1 | SA |
|4 | T0087 | 1203-002974 | IC-POSI.FIXED REG.;AP1117D-25A,TO-252,3P | 1 | SA |
|4 | T0170 | 1203-003059 | IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3 | 1 | SA |
|4 | IC601 | 1204-002464 | IC-AUDIO PROCESSOR;STV8257DSX,TQFP,80P,1 | 1 | SA |
|4 | IC118 | 1204-002503 | IC-VIDEO PROCESS;SVP-PX56-7256,PQFP,256P | 1 | SNA |
|4 | R422_EU | 2007-000040 | R-CHIP;150ohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R221 | 2007-000043 | R-CHIP;1Kohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R222 | 2007-000043 | R-CHIP;1Kohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R9004 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R9005 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R9006 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R9007 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R9008 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R9009 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R9010 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R9015 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R9028 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R9032 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R976 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R109 | 2007-000060 | R-CHIP;100Kohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R807 | 2007-000067 | R-CHIP;15Kohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | 37_ | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R321 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R440_NT | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R441_NT | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R442_NT | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R443_NT | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R444 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R446 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |

[illegible]

6 Electrical Parts List

[illegible]

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---------------------------------|------|--------|
|4 | R528 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R590 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R591 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R810 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9026 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R946 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R103 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R106 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R312 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R322 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R522 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R535 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R537 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R554 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R576 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9019 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9044 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9045 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R905 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R928 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R935 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R530 | 2007-000082 | R-CHIP;3.3Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R532 | 2007-000082 | R-CHIP;3.3Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R925 | 2007-000082 | R-CHIP;3.3Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R926 | 2007-000082 | R-CHIP;3.3Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R963 | 2007-000082 | R-CHIP;3.3Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R964 | 2007-000082 | R-CHIP;3.3Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R242 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R526 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R541 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R578 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R593 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R643 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R655 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R808 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R809 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9033 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9034 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9035 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9036 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9037 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9038 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9051 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9052 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9053 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9054 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9055 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9056 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9057 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R908 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R918 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R923 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R924 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R927 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R929 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R930 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R938 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R943 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R962 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R996 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R426 | 2007-000087 | R-CHIP;6.8Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R427 | 2007-000087 | R-CHIP;6.8Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R302 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R303 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R316 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R445 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R447 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R459 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R473 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R515 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R519 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R555 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R556 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R610 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R661 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R673 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R801 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---------------------------------|------|--------|
|4 | R803 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R804 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9029 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9043 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R906 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R907 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R912 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R915 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R920 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R921 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R922 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R954 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R956 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R970 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R994 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R995 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R806 | 2007-000092 | R-CHIP;15Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R664 | 2007-000093 | R-CHIP;20Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R666 | 2007-000093 | R-CHIP;20Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R101 | 2007-000094 | R-CHIP;22Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R670 | 2007-000094 | R-CHIP;22Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R914 | 2007-000094 | R-CHIP;22Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R313 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R400_EU | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R401_EU | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R601 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R646 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R652 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R657 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R665 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R993 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R602 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R603 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R604 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R605 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R606 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R607 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R608 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R609 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R626 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R627 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R628 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R629 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R630 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R631 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R632 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R633 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R102 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R660 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R663 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R667 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R800 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R107 | 2007-000106 | R-CHIP;220Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R111 | 2007-000106 | R-CHIP;220Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R112 | 2007-000106 | R-CHIP;220Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R668 | 2007-000107 | R-CHIP;470Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R5004 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R550 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R551 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R553 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R638 | 2007-000119 | R-CHIP;560ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R236 | 2007-000123 | R-CHIP;1.5Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R237 | 2007-000123 | R-CHIP;1.5Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R238 | 2007-000123 | R-CHIP;1.5Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9027 | 2007-000124 | R-CHIP;2.2Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R683 | 2007-000125 | R-CHIP;3.9Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R490_EU | 2007-000287 | R-CHIP;100OHM,1%,1/10W,TP,1608 | 1 | SA |
|4 | R413 | 2007-000293 | R-CHIP;100ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R417 | 2007-000293 | R-CHIP;100ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R420_EU | 2007-000293 | R-CHIP;100ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R421_EU | 2007-000293 | R-CHIP;100ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R434 | 2007-000293 | R-CHIP;100ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R481 | 2007-000293 | R-CHIP;100ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R323 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R324 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R325 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R326 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
| ...4 | R327 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R328 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R329 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R330 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R942 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R955_OP | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R957_OP | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R969 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R974 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R975 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R979 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R980 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R982 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R983 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R984 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R985 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R986 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R987 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R988 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R989 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R990 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R991 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R992 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R997 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R412 | 2007-000458 | R-CHIP;18Kohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R416 | 2007-000458 | R-CHIP;18Kohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R695 | 2007-000704 | R-CHIP;3.6Kohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R9041 | 2007-000704 | R-CHIP;3.6Kohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R9042 | 2007-000704 | R-CHIP;3.6Kohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R557 | 2007-000903 | R-CHIP;430ohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R117 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
| ...4 | R118 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
| ...4 | R414 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
| ...4 | R415 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
| ...4 | R418 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
| ...4 | R477 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
| ...4 | R478 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
| ...4 | R482 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
| ...4 | R902 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
| ...4 | R903 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
| ...4 | R948 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
| ...4 | R223 | 2007-001014 | R-CHIP;51OHM,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R228 | 2007-001014 | R-CHIP;51OHM,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R805 | 2007-001068 | R-CHIP;6.8Kohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R419_EU | 2007-001131 | R-CHIP;68ohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R432_EU | 2007-001131 | R-CHIP;68ohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R110 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R318 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R320 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R423 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R424 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R425 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R428_EU | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R431_DE | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R435 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R484 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R485 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R486 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R468 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R469 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R470 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R471 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R472 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R483 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R496 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R497 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R430_EU | 2007-007733 | R-CHIP;51ohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R675 | 2007-008720 | R-CHIP;4.7ohm,1%,1/4W,TP,3216 | 1 | SA |
| ...4 | R677 | 2007-008720 | R-CHIP;4.7ohm,1%,1/4W,TP,3216 | 1 | SA |
| ...4 | R681 | 2007-008720 | R-CHIP;4.7ohm,1%,1/4W,TP,3216 | 1 | SA |
| ...4 | R684 | 2007-008720 | R-CHIP;4.7ohm,1%,1/4W,TP,3216 | 1 | SA |
| ...4 | IC223 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
| ...4 | RA221 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
| ...4 | RA222 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
| ...4 | RA223 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
| ...4 | RA224 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
| ...4 | RA225 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | RA226 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA227 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA903 | 2011-000651 | R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA904 | 2011-000651 | R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA906 | 2011-000651 | R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA907 | 2011-000651 | R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA908 | 2011-000651 | R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA910 | 2011-000651 | R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA500 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA501 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA900 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA901 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA902 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA905 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA909 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA911 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA913 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA916 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA917 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA918 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA919 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA920 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA921 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA922 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | C6003 | 2203-000125 | C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,- | 1 | SA |
|4 | C616 | 2203-000140 | C-CER,CHIP;1.5nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C632 | 2203-000140 | C-CER,CHIP;1.5nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C120 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C250 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C303 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C486 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C511 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C512 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C513 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C514 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C516 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C517 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C518 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C521 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C522 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C523 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C524 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C525 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C526 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C527 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C529 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C530 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C532 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C533 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C534 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C535 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C537 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C538 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C545 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C548 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C549 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C551 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C553 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C554 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C555 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C558 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C560 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C561 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C564 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C565 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C566 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C567 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C568 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C569 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C570 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C571 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C572 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C573 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C577 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C588 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C589 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C590 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---------------------------------------|------|--------|
|4 | C591 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C593 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C595 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C597 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C598 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C6004 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C6016 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C6017 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C620 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C625 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C626 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C627 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C628 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C644 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C649 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C651 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C652 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C660 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C664 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C680 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C682 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C687 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C801 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C803 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C805 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C812 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C813 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C815 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C817 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C834 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C836 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C839 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C840 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C849 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C867 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C868 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C900 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C904 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C943 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C117 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C118 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C269 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C270 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C400_EU | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C401 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C402_EU | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C403 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C404 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C405 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C406 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C407 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C408_EU | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C410_EU | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C412 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C413 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C423 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C424 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C487 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C488 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C6006 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C6007 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C6008 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C623 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C678 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C679 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C926 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C928 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C930_EU | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C936_EU | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C101 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C111 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C112 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C228 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C229 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C230 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C231 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C232 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | C238 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C241 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C244 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C264 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C265 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C268 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C504 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C505 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C506 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C507 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C508 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C541 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C622 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C800 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C802 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C810 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C814 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C816 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C830 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C843 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C944 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C841 | 2203-000405 | C-CER,CHIP;0.18nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C901 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C903 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C908 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C931 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C933 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C937 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C114 | 2203-000491 | C-CER,CHIP;2.2nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C575 | 2203-000531 | C-CER,CHIP;2.7nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C592 | 2203-000531 | C-CER,CHIP;2.7nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C500 | 2203-000552 | C-CER,CHIP;0.02nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C510 | 2203-000552 | C-CER,CHIP;0.02nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C639 | 2203-000626 | C-CER,CHIP;0.022nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C647 | 2203-000626 | C-CER,CHIP;0.022nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C911 | 2203-000626 | C-CER,CHIP;0.022nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C912 | 2203-000626 | C-CER,CHIP;0.022nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C938 | 2203-000626 | C-CER,CHIP;0.022nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C939 | 2203-000626 | C-CER,CHIP;0.022nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C842 | 2203-000715 | C-CER,CHIP;3.3nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C304 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C305 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C483 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C484 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C688 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C696 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C945_EU | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C662 | 2203-000798 | C-CER,CHIP;33nF,10%,16V,X7R,TP,1608,- | 1 | SA |
|4 | C663 | 2203-000798 | C-CER,CHIP;33nF,10%,16V,X7R,TP,1608,- | 1 | SA |
|4 | C435_EU | 2203-000815 | C-CER,CHIP;0.033nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C436_EU | 2203-000815 | C-CER,CHIP;0.033nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C437_EU | 2203-000815 | C-CER,CHIP;0.033nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C115 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C223 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C224 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C502 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C503 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C674 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C675 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C104 | 2203-000972 | C-CER,CHIP;47nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C634 | 2203-000972 | C-CER,CHIP;47nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C266 | 2203-000998 | C-CER,CHIP;0.047nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C409_EU | 2203-000998 | C-CER,CHIP;0.047nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C411 | 2203-000998 | C-CER,CHIP;0.047nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C629 | 2203-001402 | C-CER,CHIP;220nF,+80-20%,16V,Y5V,TP,1608 | 1 | SA |
|4 | C106 | 2203-001607 | C-CER,CHIP;0.22nF,5%,50V,NP0,1608 | 1 | SA |
|4 | C6009 | 2203-001607 | C-CER,CHIP;0.22nF,5%,50V,NP0,1608 | 1 | SA |
|4 | C670 | 2203-001652 | C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608 | 1 | SA |
|4 | C672 | 2203-001652 | C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608 | 1 | SA |
|4 | C617 | 2203-001656 | C-CER,CHIP;0.47nF,5%,50V,NP0,1608 | 1 | SA |
|4 | C631 | 2203-001656 | C-CER,CHIP;0.47nF,5%,50V,NP0,1608 | 1 | SA |
|4 | C673 | 2203-001724 | C-CER,CHIP;4700nF,+80-20%,16V,Y5V,3216 | 1 | SA |
|4 | C103 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C110 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C221 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C222 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C235 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | C236 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C261 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C501 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C519 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C528 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C543 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C601 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C640 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C641 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C642 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C643 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C657 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C665 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C822 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C825 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C827 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C851 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C853 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C856 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C859 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C861 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C914 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C915 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C916 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C918 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C920 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C922 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C923 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C924 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C925 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C935 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C941 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C689 | 2203-005030 | C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216 | 1 | SA |
|4 | C697 | 2203-005030 | C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216 | 1 | SA |
|4 | C300 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | SA |
|4 | C536 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | SA |
|4 | C699 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | SA |
|4 | C823 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | SA |
|4 | C870 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | SA |
|4 | C919 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | SA |
|4 | C942 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | SA |
|4 | C6001 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C6002 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C6005 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C6011 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C677 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C681 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C683 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C685 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C690 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C691 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C692 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C693 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C694 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C695 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C698 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C546 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C547 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C550 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C552 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C556 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C557 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C559 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C562 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C563 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C578 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C579 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C580 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C581 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C582 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C583 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C584 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C585 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C586 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C594 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C596 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C824 | 2203-005834 | C-CER,CHIP;22000nF,+80-20%,10V,Y5V,3216 | 1 | SA |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | C302 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C574 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C576 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C587 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C599 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C600 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C6015 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C603 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C604 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C605 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C606 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C607 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C608 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C609 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C610 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C611 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C613 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C618 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C619 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C621 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C624 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C630 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C636 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C645 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C646 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C648 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C650 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C653 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C654 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C655 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C656 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C658 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C686 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C852 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C855 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C921 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C5001 | 2402-001059 | C-AL,SMD;220UF,20%,6.3V,-,TP,6X6.6X6.6 | 1 | SA |
|4 | C5002 | 2402-001059 | C-AL,SMD;220UF,20%,6.3V,-,TP,6X6.6X6.6 | 1 | SA |
|4 | C806 | 2402-001081 | C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10 | 1 | SA |
|4 | C819 | 2402-001081 | C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10 | 1 | SA |
|4 | C835 | 2402-001081 | C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10 | 1 | SA |
|4 | C239 | 2402-001097 | C-AL,SMD;0.1UF,20%,50V,WT,TP,4.3X4.3X5.2 | 1 | SA |
|4 | C240 | 2402-001097 | C-AL,SMD;0.1UF,20%,50V,WT,TP,4.3X4.3X5.2 | 1 | SA |
|4 | C102 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
|4 | C107 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
|4 | C108 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
|4 | C615 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
|4 | C668 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
|4 | C669 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
|4 | C671 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
|4 | C811 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
|4 | C848 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
|4 | C854 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
|4 | C116 | 2402-001129 | C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM | 1 | SA |
|4 | C249 | 2402-001129 | C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM | 1 | SA |
|4 | C509 | 2402-001129 | C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM | 1 | SA |
|4 | C635 | 2402-001129 | C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM | 1 | SA |
|4 | C667 | 2402-001129 | C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM | 1 | SA |
|4 | C807 | 2402-001129 | C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM | 1 | SA |
|4 | C820 | 2402-001129 | C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM | 1 | SA |
|4 | C666 | 2402-001160 | C-AL,SMD;330UF,20%,16V,WT,TP,1008 | 1 | SA |
|4 | C485 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
|4 | C531 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
|4 | C684 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
|4 | C826 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
|4 | C902 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
|4 | C907 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
|4 | C913 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
|4 | C917 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
|4 | C950 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
|4 | C100 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | SA |
|4 | C227 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | SA |
|4 | C237 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | SA |
|4 | C542 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | SA |
|4 | C633 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | SA |
|4 | C850 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | SA |
|4 | C866 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | SA |

[illegible]

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|-----------|-------------|--|-------|--------|
| ..2 | M0081 | 6003-000115 | SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC | 6 | SNA |
| ..2 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 6 | SNA |
| ..2 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 2 | SNA |
| ..2 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 2 | SNA |
| ..2 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 3 | SNA |
| ..2 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 3 | SNA |
| ..2 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 1 | SNA |
| ..2 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 3 | SNA |
| ..2 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 1 | SNA |
| ..2 | T0081 | 6006-000245 | SCREW-MACHINE;WSP,PH,+,M4,L8,ZPC(YEL),SW | 4 | SNA |
| ..2 | T0081 | 6006-000245 | SCREW-MACHINE;WSP,PH,+,M4,L8,ZPC(YEL),SW | 2 | SNA |
| ..2 | T0081 | 6006-000245 | SCREW-MACHINE;WSP,PH,+,M4,L8,ZPC(YEL),SW | 1 | SNA |
| ..2 | M2893 | BH39-00362B | LEAD CONNECTOR;RE32**,UL1007#26,5P,150mm | 1 | SA |
| ..2 | M2893 | BN39-00603J | LEAD CONNECTOR;LE37**AUO,UL1007#26,14P,3 | 1 | SA |
| ..2 | T0076 | BN39-00615D | CBF HARNESS;BORDEAUX,1617#22,3P,1P,RING, | 1 | SA |
| ..2 | M2893 | BN39-00691A | LEAD CONNECTOR;Torino-32,UL1007#26,16P,1 | 1 | SA |
| ..2 | M2893 | BN39-00721C | LEAD CONNECTOR-LVDS;LE37,UL1571#30,UL/CS | 1 | SA |
| ..2 | | BN61-02241A | BRACKET-PANEL SIDE;Bordeaux 37,SECC,T1.2 | 1 | SNA |
| ..2 | | BN61-02242A | BRACKET-PANEL SIDE;Bordeaux 37,SECC,T1.2 | 1 | SNA |
| ..2 | | BN61-02258A | BRACKET-STAND LINK;Bordeaux 40,SECC,T1.6 | 1 | SNA |
| ..2 | M0114 | BN61-02500A | HOLDER-WIRE;NYLON6.6,NATURAL | 1 | SNA |
| ..2 | T0159 | BN96-03050A | ASSY PCB P-SMPS;Bordeaux 37 PFC,LE37R71B | 1 | SA |
| ..2 | | BN96-03186E | ASSY BOARD P-HOLDER AV;SONOMA,40,EO,HIPS | 1 | SNA |
| ..3 | M2893 | BN39-00672B | LEAD CONNECTOR;LNR469DX/XAA,UL2835#28,14 | 1 | SA |
| ..3 | | BN61-02365B | HOLDER-SIDE AV;SONOMA,32,HIPS,HB,BK500 | 1 | SNA |
| ..3 | T0578 | BN64-00454A | INLAY AV;BORDEAUX,H/GLOSSY,PS SHEET,T0.3 | 1 | SNA |
| ..3 | M0020 | BN96-02439A | ASSY BOARD P-SUB AV SIDE;MILANO,CT5000-3 | 1 | SA |
| ..2 | T0447 | BN96-03253A | ASSY BRACKET P-PANEL;BORDEAUX-2,37,AUO,S | 1 | SNA |
| ..3 | M0146 | BN61-02239A | BRACKET-PANEL TOP;Bordeaux 37,SECC,T1.2 | 1 | SNA |
| ..3 | | BN61-02240A | BRACKET-PANEL BOTTOM;Bordeaux 37,SECC,T1 | 1 | SNA |
| ..3 | | BN61-02243A | BRACKET-GUIDE MAIN;Bordeaux 37,SECC,T1.2 | 1 | SNA |
| ..3 | | BN61-02244A | BRACKET-GUIDE POWER;Bordeaux 37,SECC,T1. | 1 | SNA |
| ..3 | | BN61-02245A | BRACKET-GUIDE POWER;Bordeaux 37,SECC,T1. | 1 | SNA |
| ..3 | M0131 | BN63-02549A | GASKET;LE37R72B,Conductive Fabric,26mm,1 | 1 | SNA |
| ..3 | M0081 | 6003-000115 | SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC | 2 | SNA |
| ..3 | T0101 | BN61-02427A | BRACKET-WALL;BORDEAUX 40,SECC,T1.2 | 1 | SNA |
| 1 | M0019 | BN92-01929A | ASSY LABEL;LE32S71B,LE27S71B | 1 | SNA |
| 1 | M0045 | BN92-01953A | ASSY ACCESSORY;LE37S71BX/XEC | 1 | SNA |
| ..2 | M0045 | BN96-03979A | ASSY ACCESSORY;LE37S71BX/XEC | 1 | SNA |
| ..3 | T0268 | 3903-000145 | CBF-POWER CORD;DT,EU,FP3,YES,U(IEC C13-R | 1 | SA |
| ..3 | T0524 | 6902-000110 | BAG PE;LDPE,T0.05,W250,L400,TRP,28.2 | 2 | SNA |
| ..3 | ACCESSORY | AA68-03242E | MANUAL FLYER-01,SAFETY GUIDE;All Model,S | 1 | SNA |
| ..3 | ACCESSORY | AA68-03575A | MANUAL FLYER-01,REGISTRATION C;XEU,ENG,U | 1 | SNA |
| ..3 | ACCESSORY | AA68-03575B | MANUAL FLYER-010,REGISTRATION;XEG,GERMAN | 1 | SNA |
| ..3 | ACCESSORY | AA68-03575C | MANUAL FLYER-01,REGISTRATION C;XEF,FRENC | 1 | SNA |
| ..3 | ACCESSORY | AA68-03575D | MANUAL FLYER-02,REGISTRATION C;XEC,SPANI | 1 | SNA |
| ..3 | ACCESSORY | AA68-03575E | MANUAL FLYER-02,REGISTRATION C;XET,ITALY | 1 | SNA |
| ..3 | ACCESSORY | AA68-03575F | MANUAL FLYER-01,REGISTRATION C;XEN,DUTCH | 1 | SNA |
| ..3 | ACCESSORY | AA68-03575G | MANUAL FLYER-01,REGISTRATION C;XEP,PORTU | 1 | SNA |
| ..3 | T0074 | BN59-00507A | REMOCON;Bordeaux,TM86,SAMSUNG,45Key,PIP, | 1 | SA |
| ..3 | ACCESSORY | BN63-01798A | CLOTH-CLEAN;RE40**,CLOTH,310,320,RHCM | 1 | SNA |
| ..3 | T0531 | BN63-02416B | COVER-BOTTOM;SONOMA,40,HIPS,HB,BK500 | 1 | SNA |
| ..3 | T0059 | BN68-00895A | MANUAL FLYER-CARD;RHCM,SAMSUNG,W/P 5G,PR | 1 | SNA |
| ..3 | T0511 | BN68-01001J | MANUAL USERS;COMM,SAMSUNG,7Langs,W.Europ | 1 | SNA |
| ..3 | ACCESSORY | BN69-01052A | BOX ACCESSORY-00;ALL,CB-SW1,YEL,W603,D67 | 1 | SNA |
| ..3 | T0238 | BN68-00514C | MANUAL FLYER-WARRANTY CARD;comm,Samsung, | 1 | SNA |
| 1 | M0113 | BN92-01968A | ASSY P/MATERIAL;37S71,SONOMA | 1 | SNA |
| ..2 | T0376 | 6902-000001 | BAG AIR;LDPE,T0.2,L1800,W1000,TRP,,,LDPE | 0.017 | SNA |
| ..2 | T0376 | 6902-000061 | BAG AIR;LDPE,T0.2,L1000,W500,TRP,,, | 0.086 | SNA |
| ..2 | T0524 | 6902-000524 | BAG PE;HDPE/NITRON(DOUBLE),T0.015,T0.5(D | 1 | SNA |
| ..2 | T0214 | AA60-40006A | PIN-STAPLE;AUTO,33X17.8X2.4,H18,33X17.8X | 2 | SNA |
| ..2 | T0010 | AA61-20285A | HOLDER;CTV,PP,NTR,HB | 2 | SNA |
| ..2 | T0172 | AA69-02609A | BAND-PP;W18,CLEA,1G | 4.85 | SNA |
| 1 | M0003 | BN92-01969A | ASSY BOX;37S71,EO,SONOMA | 1 | SNA |
| ..2 | M0006 | BN69-01473A | BOX-00,SET,OUT;37S7,DY-01,AB,YEL,C-03,W1 | 1.02 | SNA |
| ..2 | M0521 | BN69-01474A | BOX-SET,IN;37T7,DY-01,AB,YEL,C-01,W1470, | 1.02 | SNA |

6-4 LE40S71B Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|---------------|---|------|--------|
| 0 | | LE40S71BX/XEC | LE40S71B,Q62C/40S70-GSM,40,LCD-TV,SPAIN | 0 | |
| 1 | M0001 | BN90-00857D | ASSY COVER FRONT;40T70,EO,-,ABS+PMMA,HB, | 1 | SNA |
| ..2 | M0081 | 6006-001096 | SCREW-TAPTITE;BH,+,W/P,B,M4.0,L12,ZPC(BLK | 4 | SNA |
| ..2 | T0175 | BN96-03247A | ASSY SPEAKER P;8ohm,Sonoma 32,Left,10W,N | 1 | SA |
| ..2 | T0175 | BN96-03248A | ASSY SPEAKER P;8ohm,Sonoma 32,Right,10W, | 1 | SA |
| ..2 | T0003 | BN96-03394C | ASSY COVER P-FRONT;40T70,EO,ABS+PMMA,HB, | 1 | SA |
| ...3 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 2 | SNA |
| ...3 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 1 | SNA |
| ...3 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 2 | SNA |
| ...3 | M0162 | 6502-001067 | CABLE CLAMP;DAFC-1300,ID2.2,T5.2,NYLIN6/ | 2 | SNA |
| ...3 | T0069 | AA60-00171V | SPACER-FELT;BE46PS,FELT,500,T0.35,10 | 2 | SNA |
| ...3 | T0060 | BN61-01655A | SPRING ETC;STS-304 SUS,D8,L12,T0.5 | 1 | SA |
| ...3 | CCM1 | BN63-02183H | COVER-SHEET;Rhcmm,PE Vinyl,T0.05,1300mm,2 | 2.21 | SNA |
| ...3 | T0056 | BN63-02414A | COVER-DECORATION;SONOMA 40,HIPS,HB,GR503 | 1 | SNA |
| ...3 | M0112 | BN63-02552B | COVER-FRONT;40T70,EO,ABS+PMMA,-,-,HB,- | 1 | SNA |
| ...3 | T0059 | BN64-00379A | INDICATOR LED;ROME-II,23,PC,CLEAR | 1 | SNA |
| ...3 | T0061 | BN64-00453A | WINDOW-REMOCON;32R71,PC,V0,VIOLET,DIFFUS | 1 | SNA |
| ...3 | T0022 | BN64-00467A | KNOB CONTROL;SONOMA26,32,40,ABS,-,-,V0 | 1 | SNA |
| ...3 | T0023 | BN64-00476A | KNOB POWER;SONOMA,26,32,40,HIPS,HB,GR503 | 1 | SNA |
| ...3 | T0054 | BN64-00477A | KNOB-DECORATION;SONOMA26,32,40,ABS,HB,GR | 1 | SNA |
| ...3 | M0146 | BN96-03438A | ASSY BOARD P-POWER;BORDEAUX2,CT5000-4150 | 1 | SA |
| ...3 | M0145 | BN96-03466A | ASSY BOARD P-FUNCTION;SONOMA,SJ06-01-008 | 1 | SA |
| 1 | M0002 | BN90-00878C | ASSY COVER REAR;40T71,EO,HIPS,HB,BK500 | 1 | SNA |
| ..2 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK) | 12 | SA |
| ..2 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK) | 3 | SA |
| ..2 | M0013 | BN96-03839A | ASSY COVER P-REAR;40T71,EO,HIPS,HB,BK500 | 1 | SA |
| ...3 | T0101 | BN61-02032A | BRACKET-WALL;32,MGM,SECC,T1.6 | 1 | SNA |
| ...3 | M0006 | BN63-02660A | COVER-REAR;40S71,HIPS,-,-,HB,-,BK500,S | 1 | SNA |
| ...3 | T0071 | BN64-00444B | INLAY-TERMINAL;32,37,40R71,(BLK),PS SHEE | 1 | SNA |
| ...3 | T0064 | BN65-00002A | CLAMPER CORE;BORDEAUX,PP,V0,BLK | 1 | SNA |
| 1 | M0216 | BN90-00966A | ASSY STAND;40T70,ABS+PMMA,HB,BK23,H/GLOS | 1 | SNA |
| ..2 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK) | 4 | SA |
| ..2 | M0013 | BN96-03697A | ASSY STAND P-BASE;40T70,ABS+PMMA,HB,BK23 | 1 | SA |
| ...3 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK) | 7 | SA |
| ...3 | M0081 | 6003-001239 | SCREW-TAPTITE;FH,+,B,M4,L10,ZPC(YEL),SWR | 11 | SA |
| ...3 | | BN61-01811A | BRACKET-STAND BOTTOM;40 MILANO,SECC,T3.0 | 1 | SNA |
| ...3 | | BN61-02361A | GUIDE-STAND;SONOMA 40,HIPS V0,BK500 | 1 | SNA |
| ...3 | CCM1 | BN63-02183E | COVER-SHEET;Rhcmm,PE Vinyl,T0.05,750mm,20 | 0.45 | SNA |
| ...3 | T0004 | BN63-02698A | COVER-STAND BASE;GML40,ABS+PMMA,HB,BK23, | 1 | SNA |
| ...3 | T0132 | BN73-00052A | RUBBER FOOT;ARES 17,SILICON,DIA 17 * T1. | 9 | SNA |
| 1 | T0852 | BN91-01017B | ASSY LCD-SPZ;LE40R71BX/* | 1 | SA |
| ..2 | M0215 | BN07-00264A | LCD-PANEL;LTA400WT-L01,8bit,952*551*51.0 | 1 | SA |
| 1 | M0112 | BN91-01115A | ASSY SHIELD;LE40S71BX | 1 | SNA |
| ..2 | M0081 | 6003-000115 | SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC | 4 | SNA |
| ..2 | M0081 | 6003-000115 | SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC | 6 | SNA |
| ..2 | M0081 | 6003-000133 | SCREW-TAPTITE;BH,+,S,M4,L8,ZPC(BLK),SW | 3 | SA |
| ..2 | M0081 | 6003-000133 | SCREW-TAPTITE;BH,+,S,M4,L8,ZPC(BLK),SW | 2 | SA |
| ..2 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 2 | SNA |
| ..2 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 1 | SNA |
| ..2 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 6 | SNA |
| ..2 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 2 | SNA |
| ..2 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 3 | SNA |
| ..2 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 3 | SNA |
| ..2 | M0081 | 6003-001003 | SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR | 3 | SNA |
| ..2 | T0081 | 6006-000245 | SCREW-MACHINE;WSP,PH,+,M4,L8,ZPC(YEL),SW | 1 | SNA |
| ..2 | M2893 | BH39-00362B | LEAD CONNECTOR;RE32**,UL1007#26,5P,150mm | 1 | SA |
| ..2 | T0076 | BN39-00615D | CBF HARNESS;BORDEAUX,1617#22,3P,1P,RING, | 1 | SA |
| ..2 | M2893 | BN39-00691B | LEAD CONNECTOR;LE32R71BX,UL1007#26,16P,1 | 1 | SA |
| ..2 | M2893 | BN39-00712E | LEAD CONNECTOR-LVDS;Bordeaux,UL1571#30,U | 1 | SA |
| ..2 | M2893 | BN39-00716B | LEAD CONNECTOR;LE40R71BX/XEC,UL3239#24,2 | 1 | SA |
| ..2 | M2893 | BN39-00717A | LEAD CONNECTOR;LE32R71BX/XEC,UL3443#28,5 | 1 | SA |
| ..2 | M0174 | BN44-00134C | IP BOARD;PSIV230601A,40*BORDEAUX,2.0-3.0 | 1 | SA |
| ..2 | | BN61-02256B | BRACKET-PANEL SIDE;Bordeaux 40,SECC,T1.2 | 1 | SNA |
| ..2 | | BN61-02257B | BRACKET-PANEL SIDE;Bordeaux 40,SECC,T1.2 | 1 | SNA |
| ..2 | | BN61-02258A | BRACKET-STAND LINK;Bordeaux 40,SECC,T1.6 | 1 | SNA |
| ..2 | M0114 | BN61-02500A | HOLDER-WIRE;NYLON6.6,NATURAL | 2 | SNA |
| ..2 | | BN96-03186E | ASSY BOARD P-HOLDER AV;SONOMA,40,EO,HIPS | 1 | SNA |
| ...3 | M2893 | BN39-00672B | LEAD CONNECTOR;LNR469DX/XAA,UL2835#28,14 | 1 | SA |
| ...3 | | BN61-02365B | HOLDER-SIDE AV;SONOMA,32,HIPS,HB,BK500 | 1 | SNA |
| ...3 | T0578 | BN64-00454A | INLAY AV;BORDEAUX,H/GLOSSY,PS SHEET,T0.3 | 1 | SNA |
| ...3 | M0020 | BN96-02439A | ASSY BOARD P-SUB AV SIDE;MILANO,CT5000-3 | 1 | SA |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|-------|--------|
| ..2 | T0447 | BN96-03528B | ASSY BRACKET P-PANEL;SONOMA,40EO,READY,S | 1 | SNA |
| ...3 | M0081 | 6003-000115 | SCREW-TAPTITE;BH,+.B,M3,L6,ZPC(BLK),SWRC | 2 | SNA |
| ...3 | T0069 | AA60-00091J | SPACER-FELT;-FELT,330X10,-,-,BLK,T0.5,- | 2 | SNA |
| ...3 | M0131 | AA63-01401A | GASKET;LE40R71BX,Conductive Fabric,22mm, | 1 | SNA |
| ...3 | M0146 | BN61-02251B | BRACKET-PANEL TOP;Bordeaux 40,SECC,T1.2 | 1 | SNA |
| ...3 | | BN61-02252B | BRACKET-PANEL BOTTOM;Bordeaux 40,SECC,T1 | 1 | SNA |
| ...3 | | BN61-02253A | BRACKET-GUIDE MAIN;Bordeaux 40,SECC,T1.2 | 1 | SNA |
| ...3 | | BN61-02254A | BRACKET-GUIDE POWER;Bordeaux 40,SECC,T1. | 1 | SNA |
| ...3 | | BN61-02255A | BRACKET-GUIDE POWER;Bordeaux 40,SECC,T1. | 1 | SNA |
| ...3 | T0101 | BN61-02438A | BRACKET-WALL;MOSEL 40,SECC T1.6 | 1 | SNA |
| 1 | M0017 | BN91-01117A | ASSY CHASSIS;LE40S71BX | 1 | SNA |
| ..2 | M0014 | BN94-01033A | ASSY PCB MAIN;LE40S71BX | 1 | SA |
| ...3 | T0245 | 0202-001522 | SOLDER-WIRE FLUX;LFA3-107,-,D1.2,96.5Sn/ | 0.25 | SNA |
| ...3 | JA709 | 3701-001294 | CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,AU | 1 | SA |
| ...3 | CN330 | 3711-004068 | HEADER-BOARD TO CABLE;BOX,5P,1R,2MM,ANGL | 1 | SA |
| ...3 | CN330 | 3711-004909 | HEADER-BOARD TO CABLE;BOX,14P,2R,2MM,ANG | 1 | SA |
| ...3 | CN503 | 3711-005884 | HEADER-BOARD TO BOARD;BOX,30P,2R,2mm,ANG | 1 | SA |
| ...3 | CN330 | 3711-005942 | HEADER-BOARD TO CABLE;BOX,16P,1R,2mm,STR | 1 | SA |
| ...3 | JA701_EU | 3722-000498 | JACK-SCART;21P,-,SN,BLK,NO | 1 | SA |
| ...3 | JA702_EU | 3722-000498 | JACK-SCART;21P,-,SN,BLK,NO | 1 | SA |
| ...3 | JA330 | 3722-001061 | JACK-PHONE;1P,3.6PI,AG,BLK,N | 1 | SA |
| ...3 | JA330 | 3722-001061 | JACK-PHONE;1P,3.6PI,AG,BLK,N | 1 | SA |
| ...3 | JA333 | 3722-002360 | JACK-PIN;3P,AU,GRN/BLU/RED,STRAIGHT | 1 | SA |
| ...3 | JA333 | 3722-002362 | JACK-PIN;2P,Sn,WHT/RED,STRAIGHT | 1 | SA |
| ...3 | JA333 | 3722-002362 | JACK-PIN;2P,Sn,WHT/RED,STRAIGHT | 1 | SA |
| ...3 | JA333 | 3722-002362 | JACK-PIN;2P,Sn,WHT/RED,STRAIGHT | 1 | SA |
| ...3 | T0562 | 6046-001013 | STAND OFF;M3,L5,Ni PLT,SUM24L,#4-40 | 2 | SNA |
| ...3 | CIS3 | BN40-00079A | TUNER;TCPW3001PD32S(H),TCPW3001PD32S(H), | 1 | SA |
| ...3 | M0107 | BN63-01847A | SHIELD-COVER;ROME,SECC,T0.3,49.5,79.5,HE | 1 | SNA |
| ...3 | CIS8 | BN73-00024C | SILICON/RUBBER-BERGQUIST;VENUS 32,40",SI | 1 | SNA |
| ...3 | T0174 | BN97-01081A | ASSY SMD;LE40S71BX | 1 | SNA |
| ...4 | CIS5 | 0202-001477 | SOLDER-CREAM;LST309-M,-,D20-45\$,96.5Sn/ | 3.033 | SNA |
| ...4 | D100 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D200 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D201 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D202 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D226 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D227 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D228 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D307 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D320 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D321 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D322 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D323 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D324 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D325 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D326 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D327 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D422_EU | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D423_EU | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D424_EU | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D425_EU | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D467 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D485 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D486 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D487 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D494 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | SA |
| ...4 | D800 | 0402-000553 | DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2 | 1 | SA |
| ...4 | D801 | 0403-000258 | DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2 | 1 | SA |
| ...4 | D906 | 0403-000258 | DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2 | 1 | SA |
| ...4 | D300 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D304 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D305 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D490 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D491 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D492 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D493 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D499 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D500 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D501 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D502 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D503 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D504 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D505 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
| ...4 | D506 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---|------|--------|
|4 | D507 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
|4 | D508 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
|4 | D509 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
|4 | D510 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
|4 | D511 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
|4 | D512 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
|4 | D513 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
|4 | D909 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
|4 | D911 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | SA |
|4 | D301 | 0403-001016 | DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL- | 1 | SA |
|4 | D418 | 0403-001169 | DIODE-ZENER;RLZ16C,15.96-16.51V,500mW,LL | 1 | SA |
|4 | D421 | 0403-001169 | DIODE-ZENER;RLZ16C,15.96-16.51V,500mW,LL | 1 | SA |
|4 | D101 | 0403-001425 | DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23 | 1 | SA |
|4 | D308 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
|4 | D309 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
|4 | D400_EU | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
|4 | D401 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
|4 | D402_EU | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
|4 | D403 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
|4 | D404 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
|4 | D405 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
|4 | D406 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
|4 | D407 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
|4 | D408 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
|4 | D409 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
|4 | D419_EU | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
|4 | D420_EU | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
|4 | D428 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
|4 | D429_EU | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
|4 | D461 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
|4 | D462 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
|4 | D470 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
|4 | D471 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
|4 | D472 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
|4 | D483 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
|4 | D484 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | SA |
|4 | D600 | 0407-000123 | DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT- | 1 | SA |
|4 | D601 | 0407-000123 | DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT- | 1 | SA |
|4 | D900 | 0407-000123 | DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT- | 1 | SA |
|4 | D901 | 0407-000123 | DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT- | 1 | SA |
|4 | Q603 | 0501-000280 | TR-SMALL SIGNAL;KSA1182,PNP,150mW,SOT-23 | 1 | SA |
|4 | Q100 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q301 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q501 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q600 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q601 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q602 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q605 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q606 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q609 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q802 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q900 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q904 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q905 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q906 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q972 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q973 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | SA |
|4 | Q222 | 0501-002080 | TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59 | 1 | SA |
|4 | Q800 | 0501-002080 | TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59 | 1 | SA |
|4 | Q801 | 0501-002080 | TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59 | 1 | SA |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | SA |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | SA |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | SA |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | SA |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | SA |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | SA |
|4 | IC104 | 0801-002095 | IC-CMOS LOGIC;74LCX245,TRANSCEIVER,TSSOP | 1 | SA |
|4 | IC900 | 0903-001432 | IC-MICROCOMPUTER;M30840SGP,16Bit,LQFP,10 | 1 | SNA |
|4 | IC605 | 1001-000164 | IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16 | 1 | SA |
|4 | IC905 | 1001-001109 | IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C | 1 | SA |
|4 | IC107 | 1002-001399 | IC-D/A CONVERTER;PCM11754,24BIT,SSOP,16P, | 1 | SA |
|4 | IC110 | 1006-001076 | IC-DRIVER/RECEIVER;MAX232CEWE+T,SOP,16P, | 1 | SA |
|4 | IC112 | 1103-000129 | IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x | 1 | SA |
|4 | IC112 | 1103-000129 | IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x | 1 | SA |
|4 | IC112 | 1103-001279 | IC-EEPROM;24C32,32Kbit,4Kx8Bit,SOP,8P,5x | 1 | SA |
|4 | IC222 | 1105-001538 | IC-VIDEO RAM;K4D263238,-,128M,4x1Mx32Bit | 1 | SA |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
| ...4 | DU410 | 1201-000166 | IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10 | 1 | SA |
| ...4 | T0085 | 1201-002136 | IC-AUDIO AMP;LM4810,MSOP,8P,3x3mm,DUAL,- | 1 | SA |
| ...4 | T0085 | 1201-002246 | IC-AUDIO AMP;STA323W,SO,36P,15.9x11mm,- | 1 | SA |
| ...4 | IC910 | 1203-001559 | IC-RESET;DS1834A,SOIC,8P,150MIL,PLASTIC, | 1 | SA |
| ...4 | T0087 | 1203-001815 | IC-POS.FIXED REG.;78M09,TO-252,3P,-,PLA | 1 | SA |
| ...4 | T0087 | 1203-001816 | IC-POS.FIXED REG.;78M08,TO-252,3P,-,PLA | 1 | SA |
| ...4 | T0087 | 1203-002842 | IC-POS.FIXED REG.;AP1117D-33A,TO-252,3P | 1 | SA |
| ...4 | T0087 | 1203-002842 | IC-POS.FIXED REG.;AP1117D-33A,TO-252,3P | 1 | SA |
| ...4 | T0087 | 1203-002855 | IC-POS.FIXED REG.;MC33269DTRK-5.0,DPRK, | 1 | SA |
| ...4 | T0087 | 1203-002974 | IC-POS.FIXED REG.;AP1117D-25A,TO-252,3P | 1 | SA |
| ...4 | T0170 | 1203-003059 | IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3 | 1 | SA |
| ...4 | IC601 | 1204-002464 | IC-AUDIO PROCESSOR;STV8257DSX,TQFP,80P,1 | 1 | SA |
| ...4 | IC118 | 1204-002503 | IC-VIDEO PROCESS;SVP-PX56-7256,PQFP,256P | 1 | SNA |
| ...4 | R422_EU | 2007-000040 | R-CHIP;150ohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R221 | 2007-000043 | R-CHIP;1Kohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R222 | 2007-000043 | R-CHIP;1Kohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R9004 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R9005 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R9006 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R9007 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R9008 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R9009 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R9010 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R9015 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R9028 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R9032 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R976 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R109 | 2007-000060 | R-CHIP;100Kohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | R807 | 2007-000067 | R-CHIP;15Kohm,1%,1/10W,TP,1608 | 1 | SA |
| ...4 | 40_ | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R321 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R444 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R446 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R480 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R500 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R501 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R502 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R511 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R512 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R514_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R516 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R523 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R539 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R540 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R542 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R563_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R564_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R565_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R566_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R567_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R568_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R569_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R570_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R571_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R572_OP | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R574 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R575 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R577 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R592 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R656 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R691 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R692 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R693 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R9000 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R9013 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R9014 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R9030 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R909 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R913 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R931 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R932 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R933 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R934 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R936 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R939 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
| ...4 | R940 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--------------------------------|------|--------|
|4 | R941 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R949 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R950 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R951 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R952 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R953 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R998 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R224 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R225 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R226 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R227 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R458 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R499 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R503 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R504 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R505 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R506 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R507 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R508 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R509 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R510 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R518 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R585 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R586 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R104 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R105 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R306 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R308 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R475 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R495 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R611 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R612 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R658 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R659 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R676 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R682 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R108 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R113 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R116 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R243 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R244 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R406 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R409 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R498 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R525 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R533 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R538 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R559 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R582 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R584 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R587 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R614 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R615 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R616 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R617 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R618 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R619 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R620 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R621 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R636 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R637 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R639 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R640 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R644 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R645 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R648 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R650 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R651 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R653 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R654 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R678 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R679 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R680 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R802 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9002 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R901 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--------------------------------|------|--------|
|4 | R9016 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9023 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9025 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R911 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R916 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R917 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R919 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R937 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R947 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R966 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R967 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R971 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R972 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R973 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R977 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R978 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R999 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R562 | 2007-000075 | R-CHIP;220ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R100 | 2007-000076 | R-CHIP;330ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R402_EU | 2007-000076 | R-CHIP;330ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R404_EU | 2007-000076 | R-CHIP;330ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R405 | 2007-000076 | R-CHIP;330ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R410 | 2007-000076 | R-CHIP;330ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R114 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R307 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R311 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R403 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R407 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R408 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R411 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R429 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R474 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R476 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R487 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R528 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R590 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R591 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R810 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9026 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R946 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R103 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R106 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R312 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R322 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R522 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R535 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R537 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R554 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R576 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9019 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9044 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9045 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R905 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R928 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | SA |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---------------------------------|------|--------|
|4 | R9051 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9052 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9053 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9054 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9055 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9056 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9057 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R908 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R918 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R923 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R924 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R927 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R929 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R930 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R938 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R943 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R962 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R996 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R426 | 2007-000087 | R-CHIP;6.8Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R427 | 2007-000087 | R-CHIP;6.8Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R302 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R303 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R316 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R445 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R447 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R459 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R473 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R515 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R519 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R555 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R556 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R610 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R661 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R673 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R801 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R803 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R804 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9029 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9043 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R906 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R907 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R912 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R915 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R920 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R921 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R922 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R954 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R956 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R970 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R994 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R995 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R806 | 2007-000092 | R-CHIP;15Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R664 | 2007-000093 | R-CHIP;20Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R666 | 2007-000093 | R-CHIP;20Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R101 | 2007-000094 | R-CHIP;22Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R670 | 2007-000094 | R-CHIP;22Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R914 | 2007-000094 | R-CHIP;22Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R313 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R400_EU | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R401_EU | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R601 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R646 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R652 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R657 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R665 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R993 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R602 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R603 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R604 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R605 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R606 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R607 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R608 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R609 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R626 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R627 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---------------------------------|------|--------|
|4 | R628 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R629 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R630 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R631 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R632 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R633 | 2007-000100 | R-CHIP;68Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R102 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R660 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R663 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R667 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R800 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R107 | 2007-000106 | R-CHIP;220Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R111 | 2007-000106 | R-CHIP;220Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R112 | 2007-000106 | R-CHIP;220Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R668 | 2007-000107 | R-CHIP;470Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R5004 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R550 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R551 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R553 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R638 | 2007-000119 | R-CHIP;560ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R236 | 2007-000123 | R-CHIP;1.5Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R237 | 2007-000123 | R-CHIP;1.5Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R238 | 2007-000123 | R-CHIP;1.5Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R683 | 2007-000125 | R-CHIP;3.9Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R490_EU | 2007-000287 | R-CHIP;100OHM,1%,1/10W,TP,1608 | 1 | SA |
|4 | R413 | 2007-000293 | R-CHIP;100ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R417 | 2007-000293 | R-CHIP;100ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R420_EU | 2007-000293 | R-CHIP;100ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R421_EU | 2007-000293 | R-CHIP;100ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R434 | 2007-000293 | R-CHIP;100ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R481 | 2007-000293 | R-CHIP;100ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R323 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R324 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R325 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R326 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R327 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R328 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R329 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R330 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R942 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R955_OP | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R957_OP | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R969 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R974 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R975 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R979 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R980 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R982 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R983 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R984 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R985 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R986 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R987 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R988 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R989 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R990 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R991 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R992 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R997 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R412 | 2007-000458 | R-CHIP;18Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R416 | 2007-000458 | R-CHIP;18Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9041 | 2007-000704 | R-CHIP;3.6Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R9042 | 2007-000704 | R-CHIP;3.6Kohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R557 | 2007-000903 | R-CHIP;430ohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R117 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R118 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R414 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R415 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R418 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R477 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R478 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R482 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R902 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R903 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R948 | 2007-000950 | R-CHIP;47ohm,5%,1/4W,TP,3216 | 1 | SA |
|4 | R223 | 2007-001014 | R-CHIP;510HM,5%,1/10W,TP,1608 | 1 | SA |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | R228 | 2007-001014 | R-CHIP;510HM,5%,1/10W,TP,1608 | 1 | SA |
|4 | R805 | 2007-001068 | R-CHIP;6.8Kohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R419_EU | 2007-001131 | R-CHIP;68ohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R432_EU | 2007-001131 | R-CHIP;68ohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R110 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R318 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R320 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R423 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R424 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R425 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R428_EU | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R435 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R484 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R485 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R486 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R468 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R469 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R470 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R471 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R472 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R483 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R496 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R497 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | SA |
|4 | R430_EU | 2007-007733 | R-CHIP;51ohm,1%,1/10W,TP,1608 | 1 | SA |
|4 | R675 | 2007-008720 | R-CHIP;4.7ohm,1%,1/4W,TP,3216 | 1 | SA |
|4 | R677 | 2007-008720 | R-CHIP;4.7ohm,1%,1/4W,TP,3216 | 1 | SA |
|4 | R681 | 2007-008720 | R-CHIP;4.7ohm,1%,1/4W,TP,3216 | 1 | SA |
|4 | R684 | 2007-008720 | R-CHIP;4.7ohm,1%,1/4W,TP,3216 | 1 | SA |
|4 | IC223 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA221 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA222 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA223 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA224 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA225 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA226 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA227 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA903 | 2011-000651 | R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA904 | 2011-000651 | R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA906 | 2011-000651 | R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA907 | 2011-000651 | R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA908 | 2011-000651 | R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA910 | 2011-000651 | R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA500 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA501 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA900 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA901 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA902 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA905 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA909 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA911 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA913 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA916 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA917 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA918 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA919 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA920 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA921 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | RA922 | 2011-001093 | R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | SA |
|4 | C6003 | 2203-000125 | C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,- | 1 | SA |
|4 | C616 | 2203-000140 | C-CER,CHIP;1.5nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C632 | 2203-000140 | C-CER,CHIP;1.5nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C120 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C250 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C303 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C486 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C511 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C512 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C513 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C514 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C516 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C517 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C518 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C521 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C522 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C523 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C524 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |

6 Electrical Parts List

[illegible]

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|----------------------------------|------|--------|
|4 | C269 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C270 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C400_EU | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C401 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C402_EU | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C403 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C404 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C405 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C406 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C407 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C408_EU | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C410_EU | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C412 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C413 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C423 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C424 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C487 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C488 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C6006 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C6007 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C6008 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C623 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C678 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C679 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C926 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C928 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C930_EU | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C936_EU | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C101 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C111 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C112 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C228 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C229 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C230 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C231 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C232 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C238 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C241 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C244 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C264 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C265 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C268 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C504 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C505 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C506 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C507 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C508 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C541 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C622 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C800 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C802 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C810 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C814 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | SA |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | C304 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C305 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C483 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C484 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C688 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C696 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C945_EU | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C662 | 2203-000798 | C-CER,CHIP;33nF,10%,16V,X7R,TP,1608,- | 1 | SA |
|4 | C663 | 2203-000798 | C-CER,CHIP;33nF,10%,16V,X7R,TP,1608,- | 1 | SA |
|4 | C435_EU | 2203-000815 | C-CER,CHIP;0.033nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C436_EU | 2203-000815 | C-CER,CHIP;0.033nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C437_EU | 2203-000815 | C-CER,CHIP;0.033nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C115 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C223 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C224 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C502 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C503 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C674 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C675 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C104 | 2203-000972 | C-CER,CHIP;47nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C634 | 2203-000972 | C-CER,CHIP;47nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C266 | 2203-000998 | C-CER,CHIP;0.047nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C409_EU | 2203-000998 | C-CER,CHIP;0.047nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C411 | 2203-000998 | C-CER,CHIP;0.047nF,5%,50V,C0G,1608 | 1 | SA |
|4 | C629 | 2203-001402 | C-CER,CHIP;220nF,+80-20%,16V,Y5V,TP,1608 | 1 | SA |
|4 | C106 | 2203-001607 | C-CER,CHIP;0.22nF,5%,50V,NP0,1608 | 1 | SA |
|4 | C6009 | 2203-001607 | C-CER,CHIP;0.22nF,5%,50V,NP0,1608 | 1 | SA |
|4 | C670 | 2203-001652 | C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608 | 1 | SA |
|4 | C672 | 2203-001652 | C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608 | 1 | SA |
|4 | C617 | 2203-001656 | C-CER,CHIP;0.47nF,5%,50V,NP0,1608 | 1 | SA |
|4 | C631 | 2203-001656 | C-CER,CHIP;0.47nF,5%,50V,NP0,1608 | 1 | SA |
|4 | C673 | 2203-001724 | C-CER,CHIP;4700nF,+80-20%,16V,Y5V,3216 | 1 | SA |
|4 | C103 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C110 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C221 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C222 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C235 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C236 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C261 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C501 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C519 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C528 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C543 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C601 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C640 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C641 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C642 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C643 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C657 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C665 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C822 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C825 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C827 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C851 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C853 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C856 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C859 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C861 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C914 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C915 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C916 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C918 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C920 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C922 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C923 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C924 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C925 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C935 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C941 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | SA |
|4 | C689 | 2203-005030 | C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216 | 1 | SA |
|4 | C697 | 2203-005030 | C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216 | 1 | SA |
|4 | C300 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | SA |
|4 | C536 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | SA |
|4 | C699 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | SA |
|4 | C823 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | SA |
|4 | C870 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | SA |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---|------|--------|
|4 | C919 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | SA |
|4 | C942 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | SA |
|4 | C6001 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C6002 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C6005 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C6011 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C677 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C681 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C683 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C685 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C690 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C691 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C692 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C693 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C694 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C695 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C698 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C546 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C547 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C550 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C552 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C556 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C557 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C559 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C562 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C563 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C578 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C579 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C580 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C581 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C582 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C583 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C584 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C585 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C586 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C594 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C596 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | SA |
|4 | C824 | 2203-005834 | C-CER,CHIP;22000nF,+80-20%,10V,Y5V,3216 | 1 | SA |
|4 | C302 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C574 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C576 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C587 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C599 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C600 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C6015 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C603 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C604 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C605 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C606 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C607 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C608 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C609 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C610 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C611 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C613 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C618 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C619 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C621 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C624 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C630 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C636 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C645 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C646 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C648 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C650 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C653 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C654 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C655 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C656 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C658 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C686 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C852 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C855 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C921 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | SA |
|4 | C5001 | 2402-001059 | C-AL,SMD;220UF,20%,6.3V,-,TP,6X6.6X6.6 | 1 | SA |
|4 | C5002 | 2402-001059 | C-AL,SMD;220UF,20%,6.3V,-,TP,6X6.6X6.6 | 1 | SA |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | S/A/SNA |
|-------|----------|-------------|--|------|---------|
|4 | C806 | 2402-001081 | C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10 | 1 | SA |
|4 | C819 | 2402-001081 | C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10 | 1 | SA |
|4 | C835 | 2402-001081 | C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10 | 1 | SA |
|4 | C239 | 2402-001097 | C-AL,SMD;0.1UF,20%,50V,WT,TP,4.3X4.3X5.2 | 1 | SA |
|4 | C240 | 2402-001097 | C-AL,SMD;0.1UF,20%,50V,WT,TP,4.3X4.3X5.2 | 1 | SA |
|4 | C102 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
|4 | C107 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
|4 | C108 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
|4 | C615 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
|4 | C668 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
|4 | C669 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
|4 | C671 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
|4 | C811 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
|4 | C848 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
|4 | C854 | 2402-001128 | C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM | 1 | SA |
|4 | C116 | 2402-001129 | C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM | 1 | SA |
|4 | C249 | 2402-001129 | C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM | 1 | SA |
|4 | C509 | 2402-001129 | C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM | 1 | SA |
|4 | C635 | 2402-001129 | C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM | 1 | SA |
|4 | C667 | 2402-001129 | C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM | 1 | SA |
|4 | C807 | 2402-001129 | C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM | 1 | SA |
|4 | C820 | 2402-001129 | C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM | 1 | SA |
|4 | C666 | 2402-001160 | C-AL,SMD;330UF,20%,16V,WT,TP,1008 | 1 | SA |
|4 | C485 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
|4 | C531 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
|4 | C684 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
|4 | C826 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
|4 | C902 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
|4 | C907 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
|4 | C913 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
|4 | C917 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
|4 | C950 | 2402-001178 | C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m | 1 | SA |
|4 | C100 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | SA |
|4 | C227 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | SA |
|4 | C237 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | SA |
|4 | C542 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | SA |
|4 | C633 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | SA |
|4 | C850 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | SA |
|4 | C866 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | SA |
|4 | C6010 | 2402-001221 | C-AL,SMD;470UF,20%,16V,-,TP,A8.3XB8.3XL1 | 1 | SA |
|4 | C676 | 2402-001221 | C-AL,SMD;470UF,20%,16V,-,TP,A8.3XB8.3XL1 | 1 | SA |
|4 | C520 | 2402-001226 | C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8 | 1 | SA |
|4 | C113 | 2402-001238 | C-AL,SMD;1uF,20%,50V,HR,TP,4.3x4.3x5.2mm | 1 | SA |
|4 | C833 | 2409-001029 | C-ORGANIC;120uF,20%,6.3V,WT,TP,10.3x10.3 | 1 | SA |
|4 | T0052 | 2703-000274 | INDUCTOR-SMD;2.2uH,10%,2012 | 1 | SA |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | SA |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | SA |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | SA |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | SA |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | SA |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | SA |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | SA |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | SA |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | SA |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | SA |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | SA |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | SA |
|4 | T0052 | 2703-000417 | INDUCTOR-SMD;220uH,5%,3225 | 1 | SA |
|4 | T0052 | 2703-001229 | INDUCTOR-SMD;2.2uH,10%,1608 | 1 | SA |
|4 | T0052 | 2703-001229 | INDUCTOR-SMD;2.2uH,10%,1608 | 1 | SA |
|4 | T0052 | 2703-001229 | INDUCTOR-SMD;2.2uH,10%,1608 | 1 | SA |
|4 | T0052 | 2703-001229 | INDUCTOR-SMD;2.2uH,10%,1608 | 1 | SA |
|4 | T0052 | 2703-001229 | INDUCTOR-SMD;2.2uH,10%,1608 | 1 | SA |
|4 | T0052 | 2703-001229 | INDUCTOR-SMD;2.2uH,10%,1608 | 1 | SA |
|4 | T0052 | 2703-001229 | INDUCTOR-SMD;2.2uH,10%,1608 | 1 | SA |
|4 | T0052 | 2703-001426 | INDUCTOR-SMD;680uH,20%,7070 | 1 | SA |
|4 | T0052 | 2703-002327 | INDUCTOR-SMD;3.9uH,5%,3225 | 1 | SA |
|4 | T0052 | 2703-002722 | INDUCTOR-SMD;22uH,20%,12x12mm | 1 | SA |
|4 | T0052 | 2703-002915 | INDUCTOR-SMD;22uH,20%,8080 | 1 | SA |
|4 | T0052 | 2703-002915 | INDUCTOR-SMD;22uH,20%,8080 | 1 | SA |
|4 | T0052 | 2703-002915 | INDUCTOR-SMD;22uH,20%,8080 | 1 | SA |
|4 | T0052 | 2703-002915 | INDUCTOR-SMD;22uH,20%,8080 | 1 | SA |
|4 | X904 | 2801-003326 | CRYSTAL-SMD;24MHZ,30PPM,28-ABX,20PF,50OH | 1 | SA |
|4 | X903 | 2801-003923 | CRYSTAL-SMD;10MHz,30ppm,28-AAN,20pF,60oh | 1 | SA |
|4 | X600 | 2801-003954 | CRYSTAL-SMD;27MHz,30ppm,28-AAN,16pF,50oh | 1 | SA |
|4 | X500 | 2801-004483 | CRYSTAL-SMD;28.322MHz,30ppm,HC-49,20pF,5 | 1 | SA |

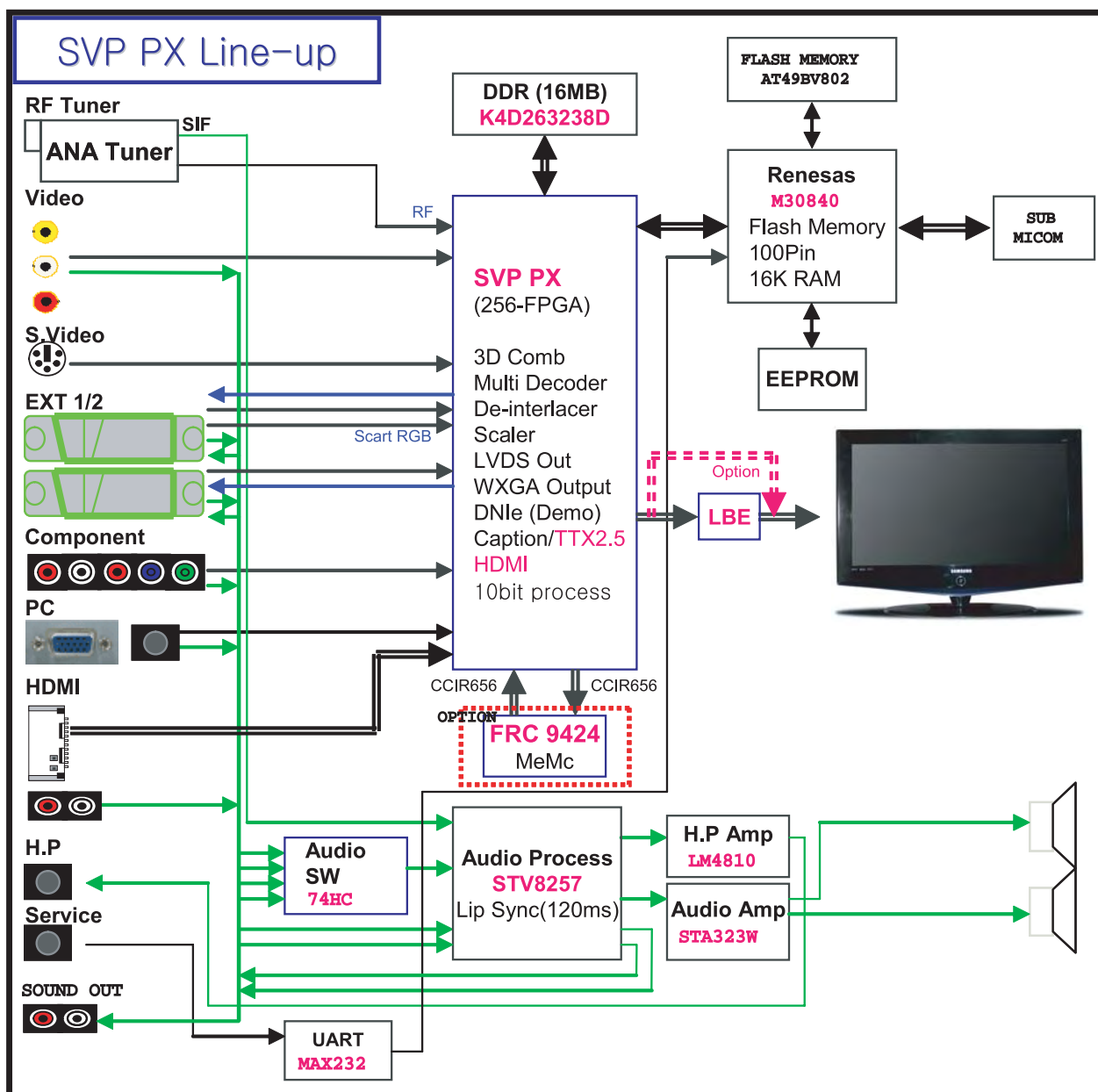
| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|--------|-----------|-------------|---|-------|--------|
|4 | T0568 | 3301-000314 | BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,- | 1 | SNA |
|4 | T0568 | 3301-000314 | BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,- | 1 | SNA |
|4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | SNA |
|4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | SNA |
|4 | T0568 | 3301-001236 | BEAD-SMD;60ohm,1608,-,-,- | 1 | SNA |
|4 | T0568 | 3301-001236 | BEAD-SMD;60ohm,1608,-,-,- | 1 | SNA |
|4 | T0568 | 3301-001236 | BEAD-SMD;60ohm,1608,-,-,- | 1 | SNA |
|4 | T0568 | 3301-001236 | BEAD-SMD;60ohm,1608,-,-,- | 1 | SNA |
|4 | T0568 | 3301-001236 | BEAD-SMD;60ohm,1608,-,-,- | 1 | SNA |
|4 | T0568 | 3301-001236 | BEAD-SMD;60ohm,1608,-,-,- | 1 | SNA |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | SA |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | SA |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | SA |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | SA |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | SA |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | SA |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | SA |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | SA |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | SA |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | SA |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | SA |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | SA |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | SA |
|4 | T0568 | 3301-001393 | BEAD-SMD;60ohm,3216,1500mA,TP,41ohm/40MH | 1 | SNA |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,-,- | 1 | SA |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,-,- | 1 | SA |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,-,- | 1 | SA |
|4 | T0568 | 3301-001569 | BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90 | 1 | SNA |
|4 | CN703 | 3701-001311 | CONNECTOR-HDMI;21P,2R,FEMALE,SMD-S,AU30U | 1 | SA |
|4 | CN330 | 3711-005291 | HEADER-BOARD TO CABLE;BOX,2P,1R,2MM,SMD- | 1 | SA |
|4 | CN330 | 3711-005292 | HEADER-BOARD TO CABLE;BOX,3P,1R,2MM,SMD- | 1 | SA |
|4 | CN330 | 3711-005497 | HEADER-BOARD TO CABLE;BOX,15P,1R,1.25MM, | 1 | SA |
|4 | T0077 | BN41-00680C | PCB MAIN;BORDEAUX,FR-4,4,MP1.2,1.6,192*1 | 1 | SNA |
|4 | M0018 | BN97-00805A | ASSY MICOM;IC-MICROCOMPUTER,LE32R71BX/XE | 1 | SA |
|5 | IC115 | 1107-001555 | IC-FLASH MEMORY;49BV802A,8MBIT,1MX8/512K | 1 | SA |
|4 | M0018 | BN97-00805B | ASSY MICOM;IC-MICROCONTROLLER,,LE32R71BX | 1 | SA |
|5 | IC520 | 0903-001389 | IC-MICROCONTROLLER;S3F866B,8Bit,QFP,44P, | 1 | SNA |
|4 | R9027 | 2007-000124 | R-CHIP;2.2Kohm,5%,1/10W,TP,1608 | 1 | SA |
| 1 | M0003 | BN92-01699D | ASSY BOX;40T70,E.O.SONOMA | 1 | SNA |
| ..2 | T0130 | BN69-01310C | BOX-00,SET;40T7,DY-01,AB,YEL,A1,EUROPE | 1.02 | SNA |
| 1 | M0113 | BN92-01702A | ASSY P/MATERIAL;40T70,SONOMA | 1 | SNA |
| ..2 | T0376 | 6902-000061 | BAG AIR;LDPE,T0.2,L1000,W500,TRP,,, | 0.061 | SNA |
| ..2 | T0376 | 6902-000379 | BAG AIR;LDPE,T0.2,W1000,L1800,TRP,-,- | 0.018 | SNA |
| ..2 | T0081 | 6902-000604 | BAG WRAPPING;LDPE,T0.02,W500,L10000,TRP, | 14.32 | SNA |
| ..2 | T0524 | 6902-000411 | BAG PE;HDPE/NITRON,T0.015/T0.5,W1300,L13 | 1 | SNA |
| 1 | M0045 | BN92-01926C | ASSY ACCESSORY;LE40S71BX | 1 | SNA |
| ..2 | M0045 | BN96-03946B | ASSY ACCESSORY;LE40S71BX/XEC | 1 | SA |
| ...3 | T0268 | 3903-000145 | CBF-POWER CORD;DT,EU,FP3/YES,U(I)EC C13-R | 1 | SA |
| ...3 | T0524 | 6902-000110 | BAG PE;LDPE,T0.05,W250,L400,TRP,28.2 | 2 | SNA |
| ...3 | ACCESSORY | AA68-03242E | MANUAL FLYER-01,SAFETY GUIDE;All Model,S | 1 | SNA |
| ...3 | ACCESSORY | AA68-03575A | MANUAL FLYER-01,REGISTRATION C;XEU,ENG,U | 1 | SNA |
| ...3 | ACCESSORY | AA68-03575B | MANUAL FLYER-010,REGISTRATION;XEG,GERMAN | 1 | SNA |
| ...3 | ACCESSORY | AA68-03575C | MANUAL FLYER-01,REGISTRATION C;XEF,FRENC | 1 | SNA |
| ...3 | ACCESSORY | AA68-03575D | MANUAL FLYER-02,REGISTRATION C;XEC,SPANI | 1 | SNA |
| ...3 | ACCESSORY | AA68-03575E | MANUAL FLYER-02,REGISTRATION C;XET,ITALY | 1 | SNA |
| ...3 | ACCESSORY | AA68-03575F | MANUAL FLYER-01,REGISTRATION C;XEN,DUTCH | 1 | SNA |
| ...3 | ACCESSORY | AA68-03575G | MANUAL FLYER-01,REGISTRATION C;XEP,PORTU | 1 | SNA |
| ...3 | T0074 | BN59-00507A | REMOCON;Bordeaux,TM86,SAMSUNG,45Key,PIP, | 1 | SA |
| ...3 | ACCESSORY | BN63-01798A | CLOTH-CLEAN;RE40**,CLOTH,310,320,RHCM | 1 | SNA |
| ...3 | T0531 | BN68-02416B | COVER-BOTTOM;SONOMA,40,HIPS,HB,BK500 | 1 | SNA |
| ...3 | ACCESSORY | BN68-00514A | MANUAL FLYER-04,WARRANTY CARD;PDP/LCD TV | 1 | SNA |
| ...3 | T0059 | BN68-00895A | MANUAL FLYER-CARD;RHCM,SAMSUNG,W/P 5G,PR | 1 | SNA |
| ...3 | T0511 | BN68-01001J | MANUAL USERS;COMM,SAMSUNG,7Langs,W.Europ | 1 | SNA |
| ...3 | ACCESSORY | BN69-01052A | BOX ACCESSORY-00;ALL,CB-SW1,YEL,W603,D67 | 1 | SNA |
| 1 | M0019 | BN92-01929B | ASSY LABEL;LE40S71BX | 1 | SNA |

Memo

7 Block Diagram

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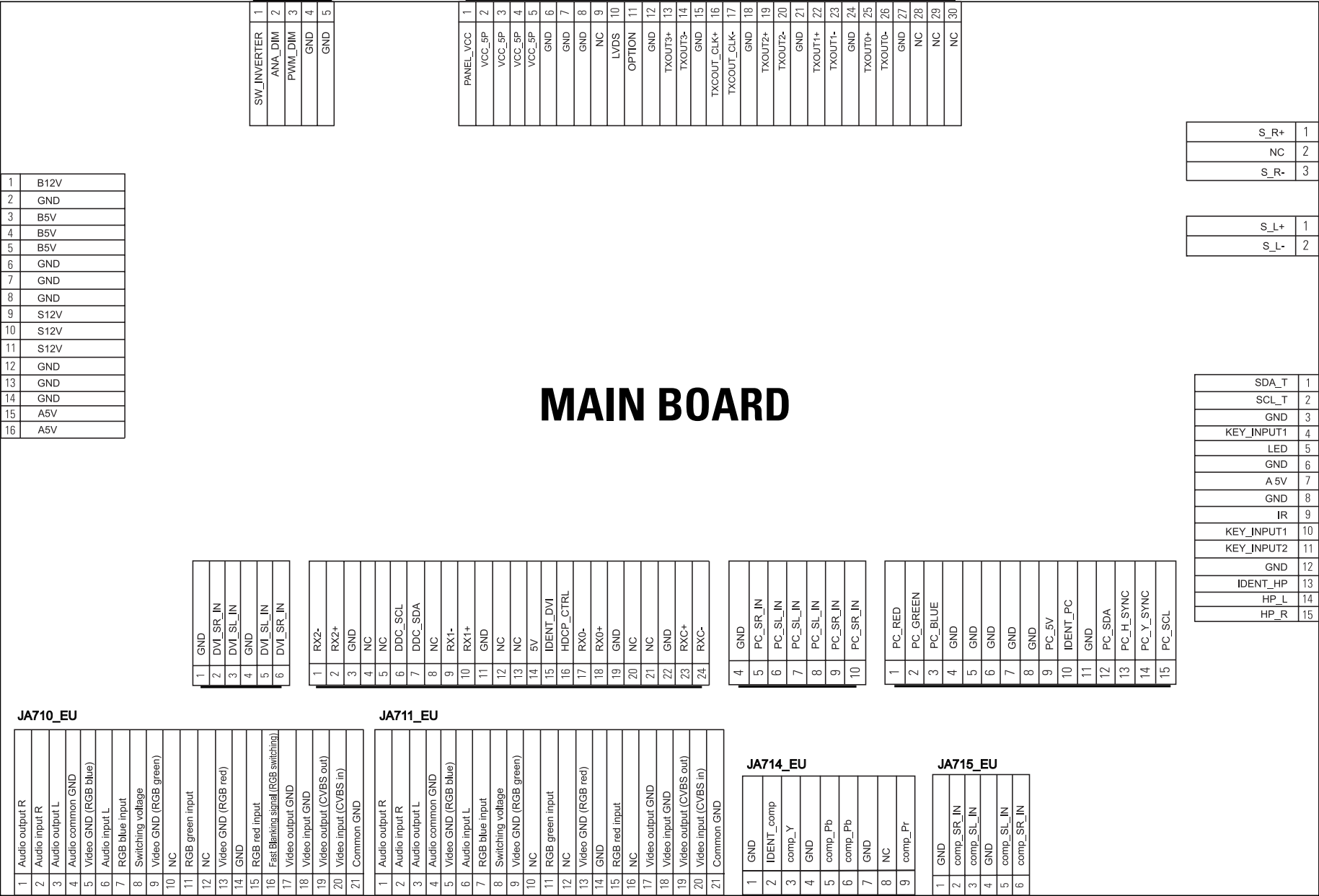
□ PAL



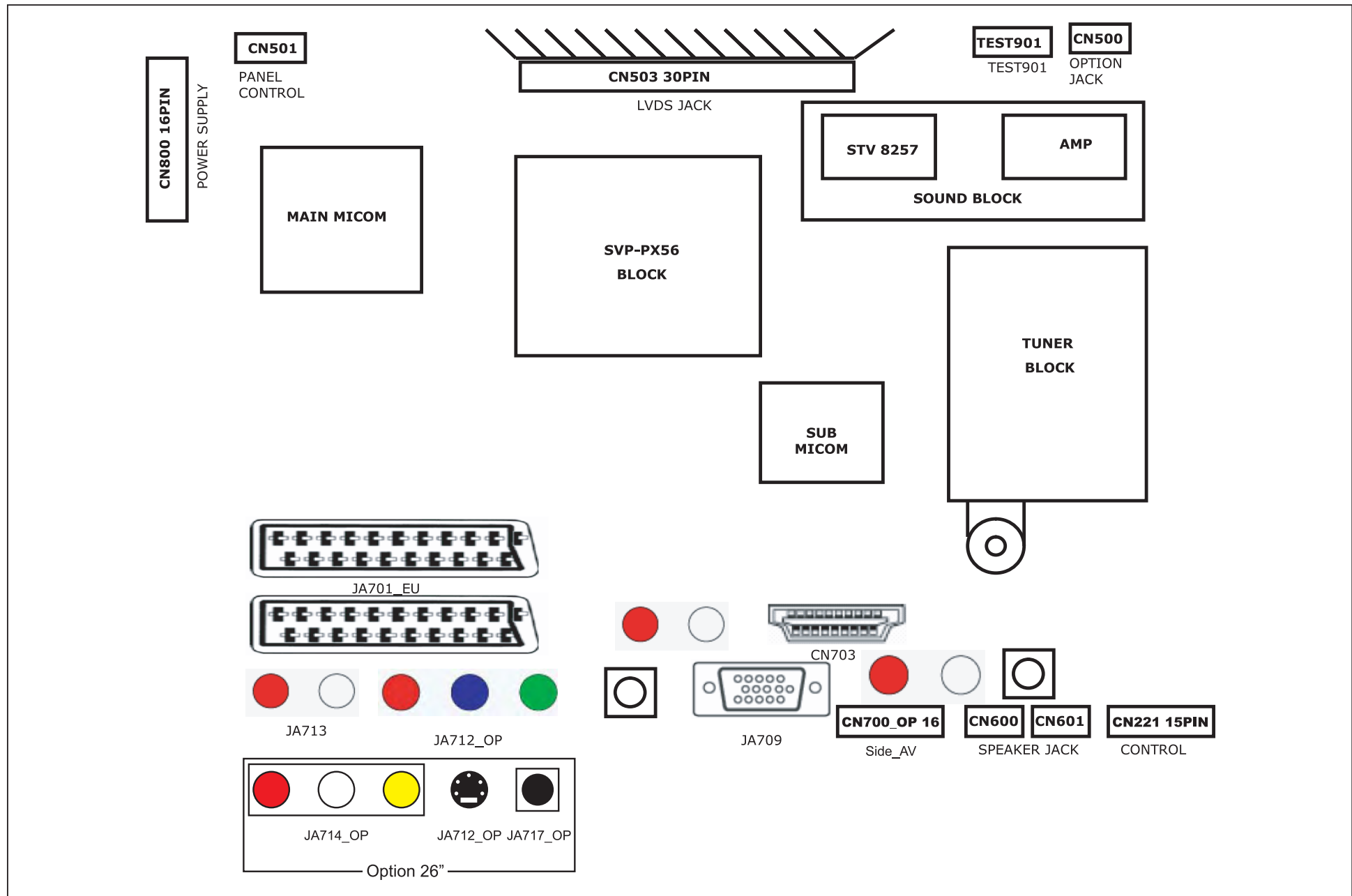
Memo

8 Wiring Diagram

8-1 LE27S71B / LE32S71B / LE37S71B / LE40S71B Wiring Diagram



8-2 Main Board Layout



8-3 PIN characteristic

CN800 - Main Board power supply

| PIN | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
|------|------|-----|-----|-----|-----|-----|-----|-----|-------|-------|-------|-----|-----|-----|-----|-----|
| NAME | B12V | GND | B5V | B5V | B5V | GND | GND | GND | B12VS | B12VS | B12VS | GND | GND | GND | A5V | A5V |

Function Define

- B12V B8V, B5V-T
- B5V B5V-1, B5V, 5V-P, B1.8V
- B12VS B12VS
- A5V A5V, A3.3V-3, A3.3V, A3.3V-1, B3.3V, A1.8V

CN600 / CN601 - SPEAKER CONNECTOR

| PIN | 1 | 2 | 3 |
|------|----|----|----|
| NAME | R+ | NC | R- |

| PIN | 1 | 2 |
|------|----|----|
| NAME | L+ | L- |

CN221 - Front control

| PIN | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|------|-------|-------|-----|---------------|-----|-----|-----|-----|----|---------------|---------------|-----|-------------|------|------|
| NAME | SDA-T | SCL-T | GND | KEY INPUT1 | LED | GND | A5V | GND | IR | KEY INPUT1 | KEY INPUT2 | GND | IDENT HP | HP-L | HP-R |

Function Define

- A5V Front control board poewr supply
- KEY INPUT1,2/SDA/SCL Key control, from the memu, change up/down Etc.
- IR Remote control signal
- LED Control the timing and stand by LED color

CN501 - Panel control

| PIN | 1 | 2 | 3 | 4 | 5 |
|------|-------------|-------------|-------------|-----|-----|
| NAME | SW_inverter | Ana_dimming | PWM_dimming | GND | GND |

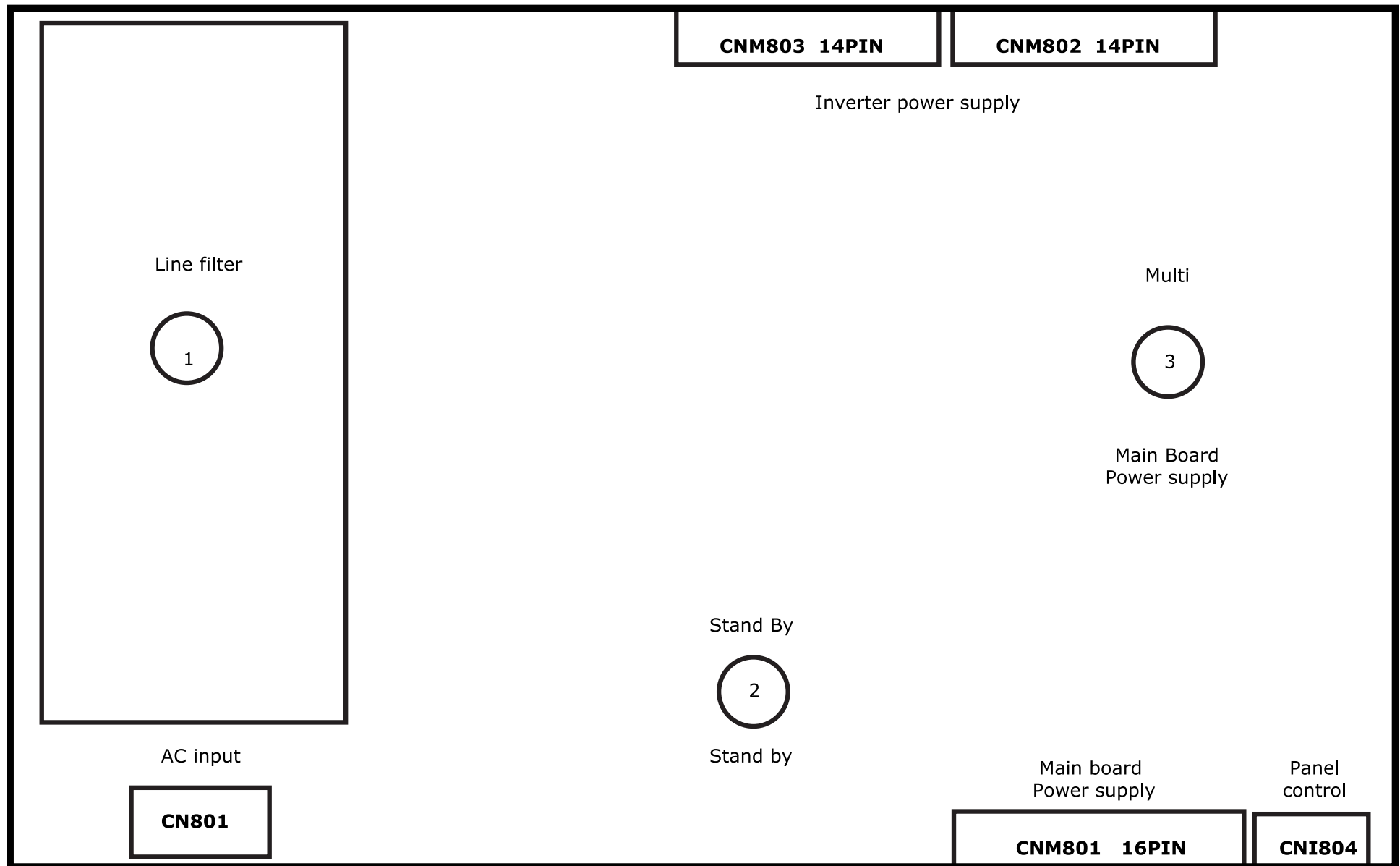
Function Define

- SW_inverter panel inverter control, about 3.3V
- Ana_dimming panel dimming control
- PWM_dimming panel PWM control, duty 40% ~ 90%

CN503-LVDS Signal

| PIN | NAME | PIN | NAME |
|-----|-------------|-----|-----------|
| 1 | VCC | 16 | TXOUTCLK+ |
| 2 | VCC5P | 17 | TXOUTCLK- |
| 3 | VCC5P | 18 | GND |
| 4 | VCC5P | 19 | TXOUT2+ |
| 5 | VCC5P | 20 | TXOUT2- |
| 6 | GND | 21 | GND |
| 7 | GND | 22 | TXOUT1+ |
| 8 | GND | 23 | TXOUT1- |
| 9 | NC | 24 | GND |
| 10 | LVDS_option | 25 | TXOUT0+ |
| 11 | NC | 26 | TXOUT0- |
| 12 | GND | 27 | GND |
| 13 | TXOUT3+ | 28 | NC |
| 14 | TXOUT3- | 29 | NC |
| 15 | GND | 30 | NC |

8-4 Power Board Layout



CN801 - AC Input

| | | |
|---------|------|---------|
| PIN | 1 | 2 |
| NAME | Live | Netural |
| VOLTAGE | AC | AC |

Functioning Define

- Refer to : AC Input

CN801 - Main Board power supply

| | | | | | | | | | | | | | | | | |
|------|-----|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| PIN | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| NAME | 13V | GND | 5.4V | 5.4V | 5.4V | GND | GND | GND | 12V | 12V | 12V | GND | GND | GND | ST7V | PWR |

Functioning Define

- ST7V Stand-By Output
- PWR Power On/Off Control

- Refer to : CN801 function define

CNM804 - Panel control

| | | | | | |
|------|-------------|-------------|-------------|-----|--------------|
| PIN | 1 | 2 | 3 | 4 | 5 |
| NAME | SW_inverter | Ana_dimming | PWM_dimming | GND | SENSOR POWER |

Functioning Define

- Refer to : CN815 function define

CN802 - Inverter power supply

| PIN | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| NAME | 24V | 24V | 24V | 24V | 24V | GND | GND | GND | GND | GND | GND | B/L | A_D | P_D |

Functioning Define

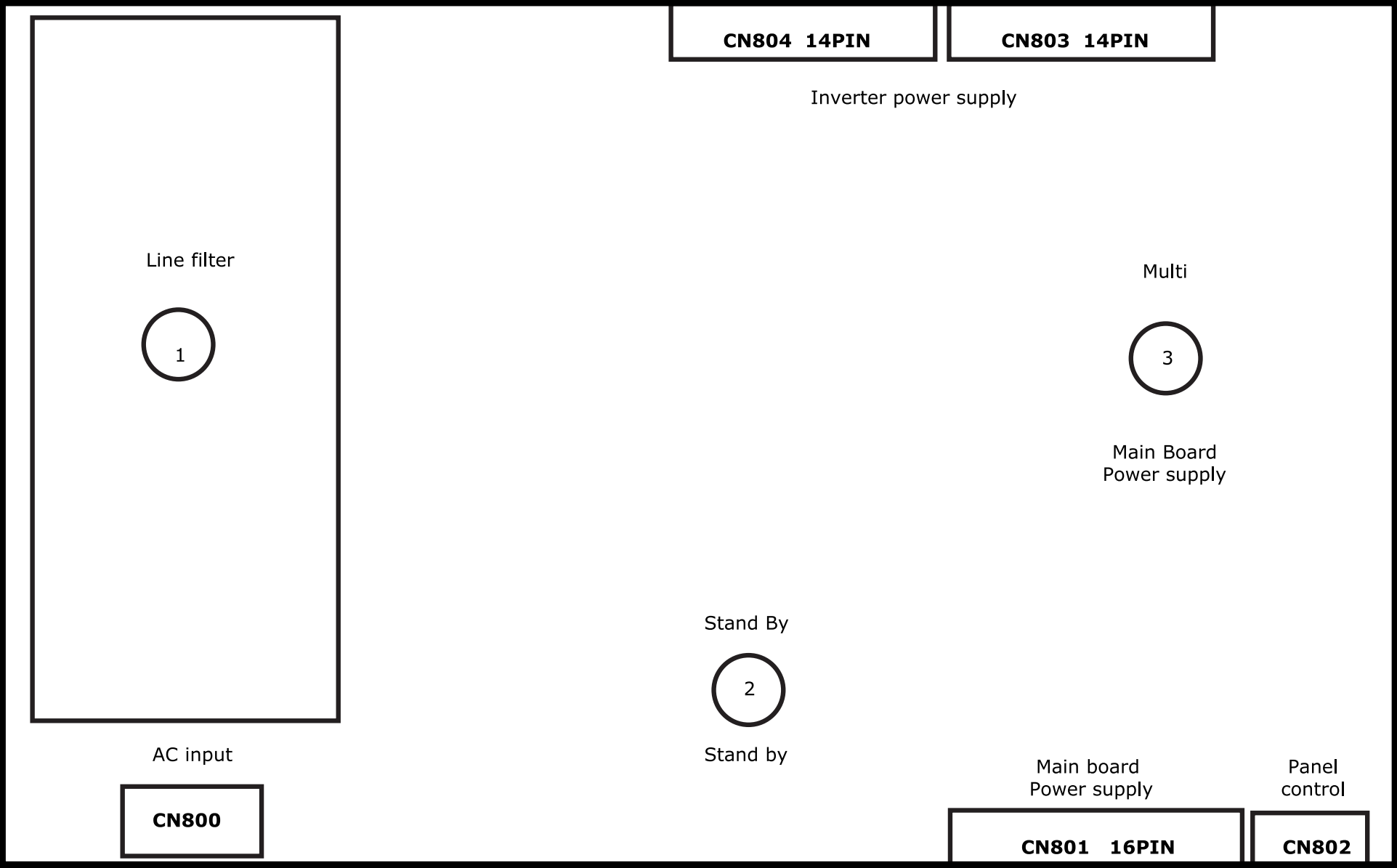
- AMLCD Panel Inverter Power
- 24V LAMP INVERTER Voltage
- B/L Brightness sensor power
- A_D ANA_DIMMING
- P_D PWM_DIMMING

CN803 - Inverter power supply

| PIN | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| NAME | 24V | 24V | 24V | 24V | 24V | GND | GND | GND | GND | GND | A_D | B/L | P_D | GND |

Functioning Define

- AUO Panel Inverter Power
- 24V LAMP INVERTER Voltage
- B/L Brightness sensor power
- A_D ANA_DIMMING
- P_D PWM_DIMMING



CN801 - AC Input

| | | |
|---------|------|---------|
| PIN | I | 2 |
| NAME | Live | Netural |
| VOLTAGE | AC | AC |

Functioning Define

- Refer to : AC Input

CN801 - Main Board power supply

| | | | | | | | | | | | | | | | | |
|------|-----|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| PIN | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| NAME | 13V | GND | 5.4V | 5.4V | 5.4V | GND | GND | GND | 12V | 12V | 12V | GND | GND | GND | ST7V | PWR |

Functioning Define

- ST7V Stand-By Output
- PWR Power On/Off Control

- Refer to : CN801 function define

CNM804 - Panel control

| | | | | | |
|------|-------------|-------------|-------------|-----|--------------|
| PIN | 1 | 2 | 3 | 4 | 5 |
| NAME | SW_inverter | Ana_dimming | PWM_dimming | GND | SENSOR POWER |

Functioning Define

- Refer to : CN815 function define

CN803 - Inverter power supply

| PIN | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| NAME | 24V | 24V | 24V | 24V | 24V | GND | GND | GND | GND | GND | GND | B/L | A_D | P_D |

Functioning Define

- AMLCD Panel Inverter Power
- 24V LAMP INVERTER Voltage
- B/L Brightness sensor power
- A_D ANA_DIMMING
- P_D PWM_DIMMING

CN804 - Inverter power supply

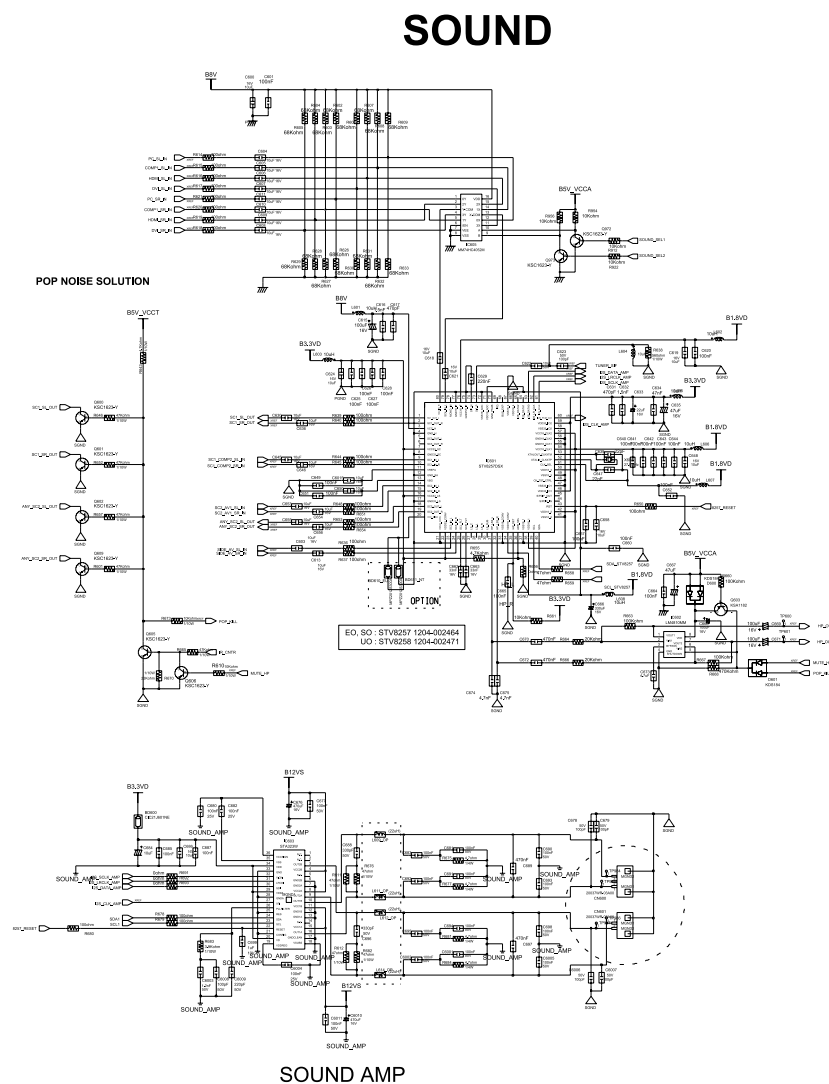
| PIN | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| NAME | 24V | 24V | 24V | 24V | 24V | GND | GND | GND | GND | GND | B/D | P_L | GND | B/L |

Functioning Define

- CMO Panel Inverter Power
- 24V LAMP INVERTER Voltage
- B/L Brightness sensor power
- P_D PWM_DIMMING

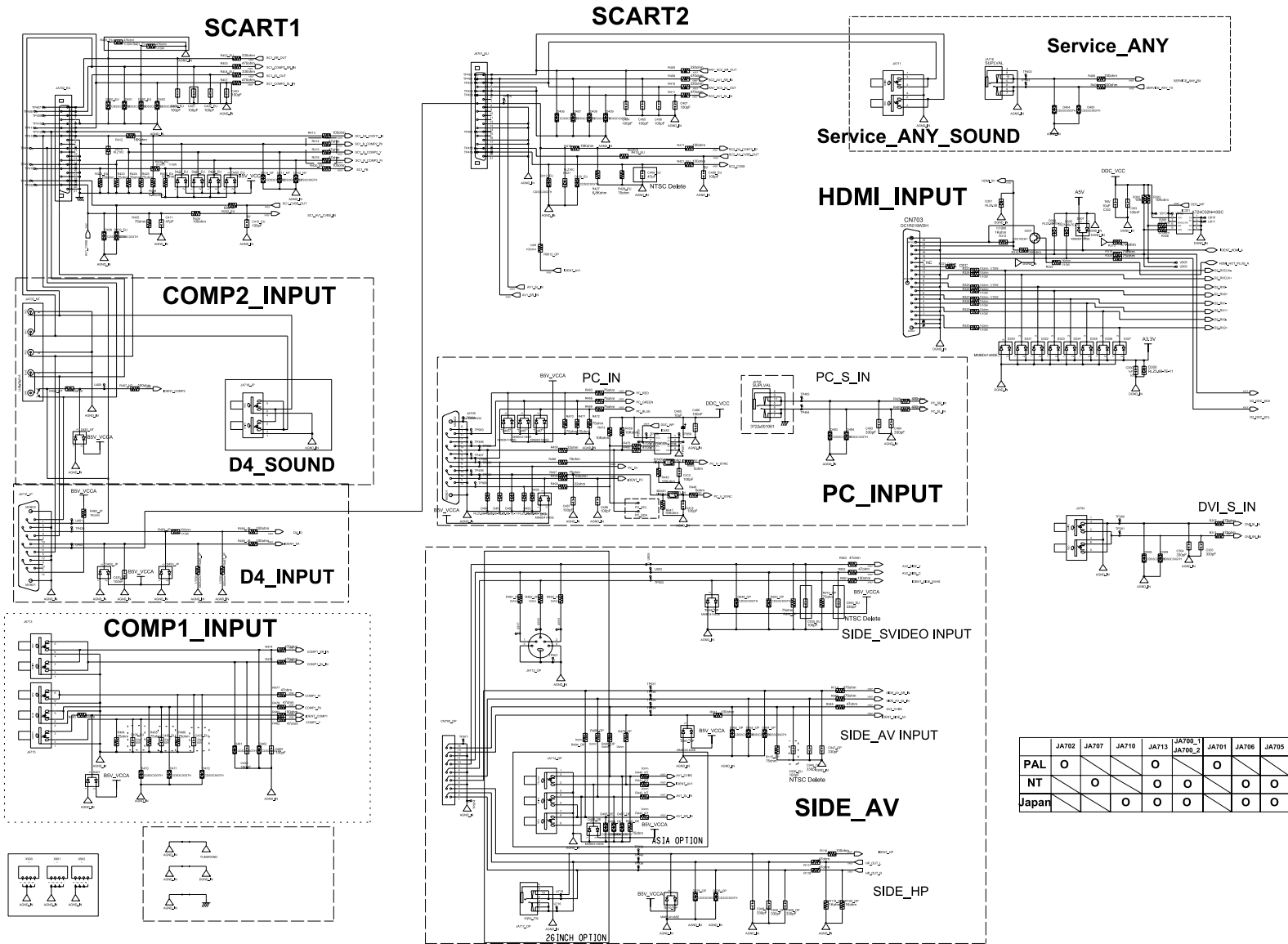
Memo

9-1 Power_Sound Schematic Diagram



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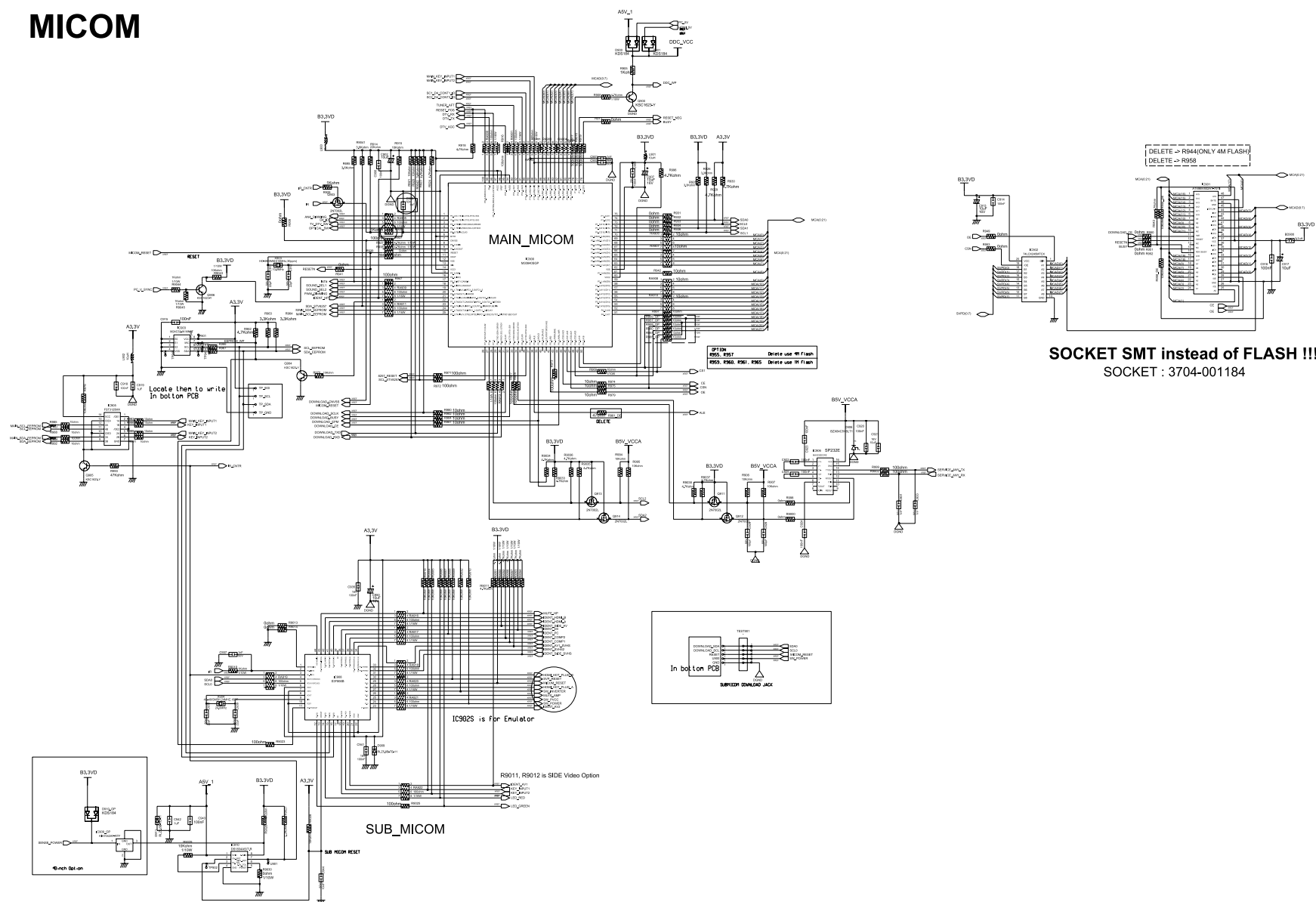
9-2 Schematic Diagram



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9-3 Micom Schematic Diagram

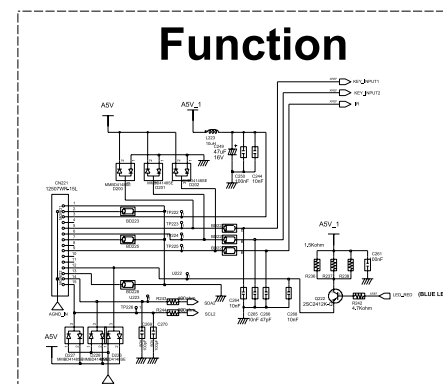
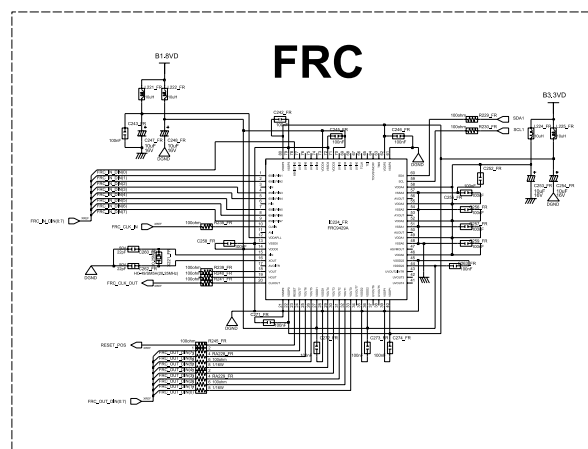
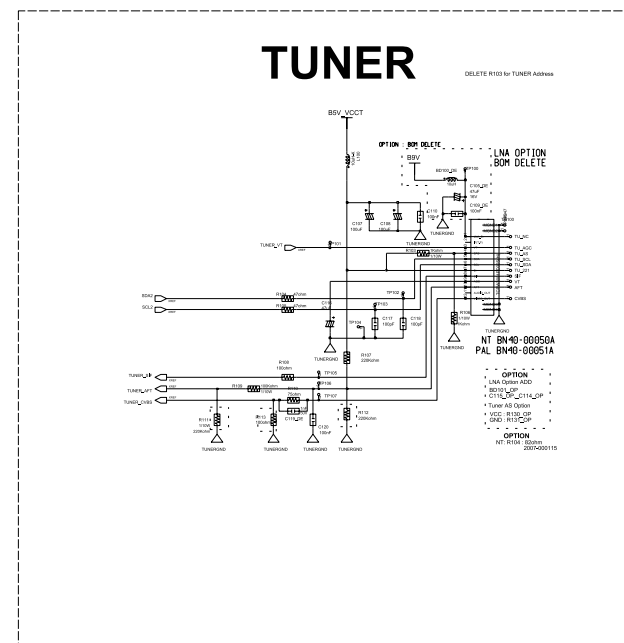
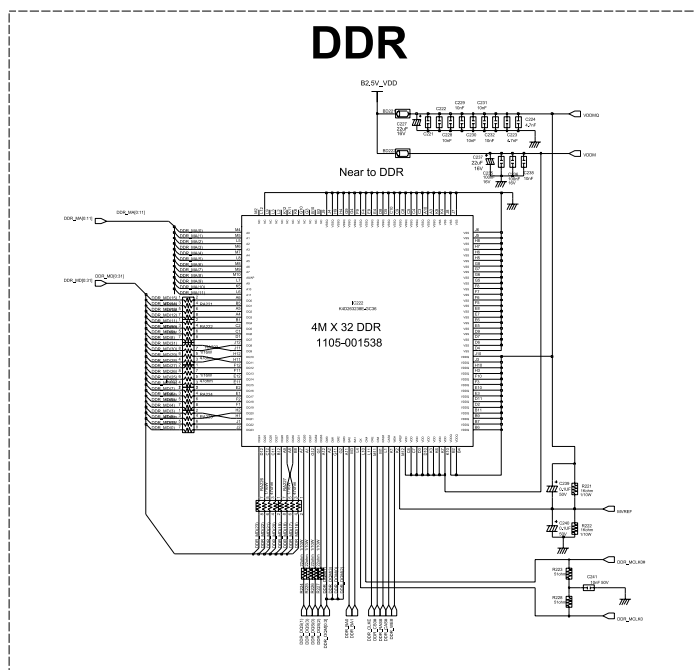
MICOM





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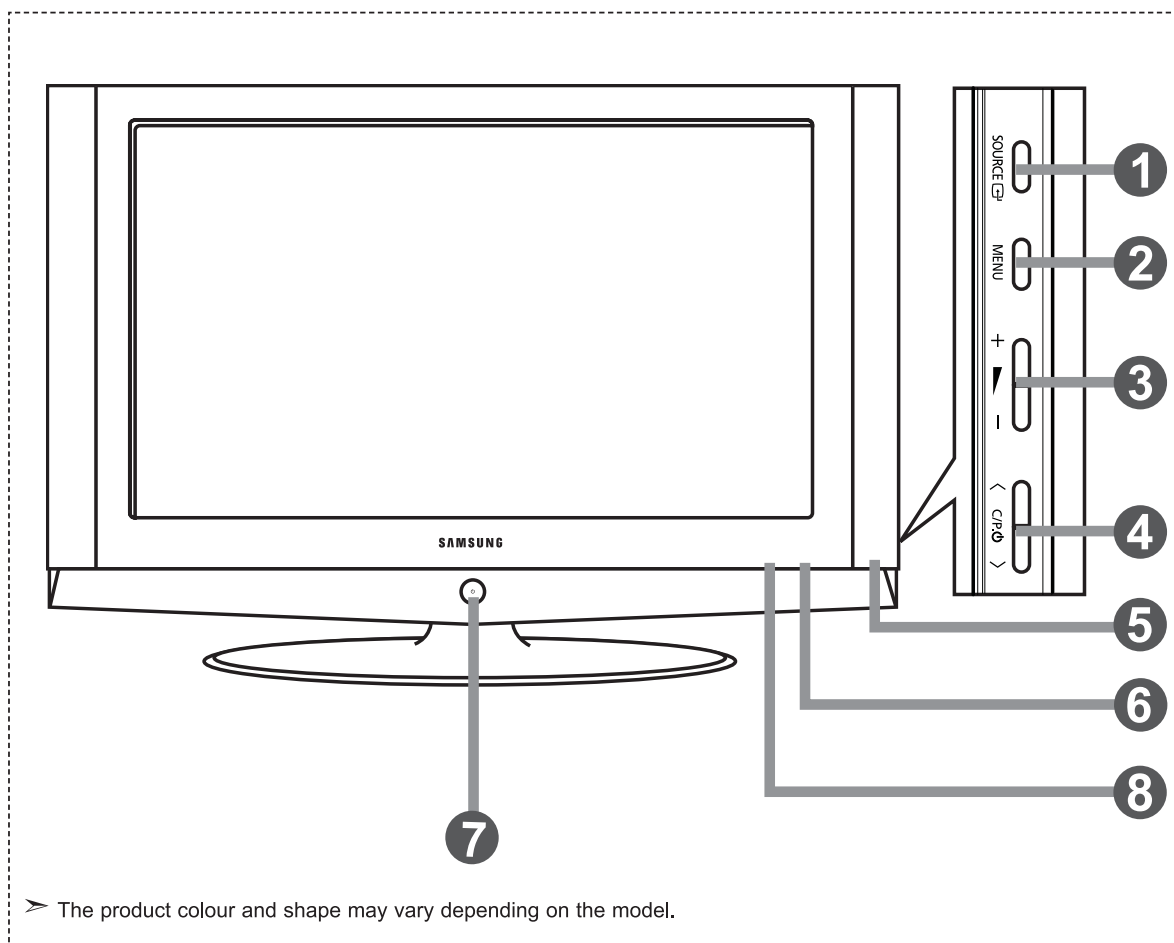
9-5 Application Schematic Diagram




Memo

10 Operating Instructions and Installation

10-1 Front




1 SOURCE

Toggles between all the available input sources (TV, Ext.1, Ext.2, AV, S-Video, Component, PC, HDMI). In the on-screen menu, use this button as you use the **ENTER**  button on the remote control.

2 MENU


Press to see an on-screen menu of your TV's features.

3 + -

Press to decrease or increase the volume. In the on-screen menu, use the +  - buttons as you use the ◀ and ▶ buttons on the remote control.

4 < C/P. >

Press to change channels.

In the on-screen menu, use the < C/P.  > buttons as you use the ▼ and ▲ buttons on the remote control. (Without the Remote Control, you can turn on the TV by using the Channel buttons.)

5 Speakers

6 Remote Control Sensor

Aim the remote control towards this spot on the TV.

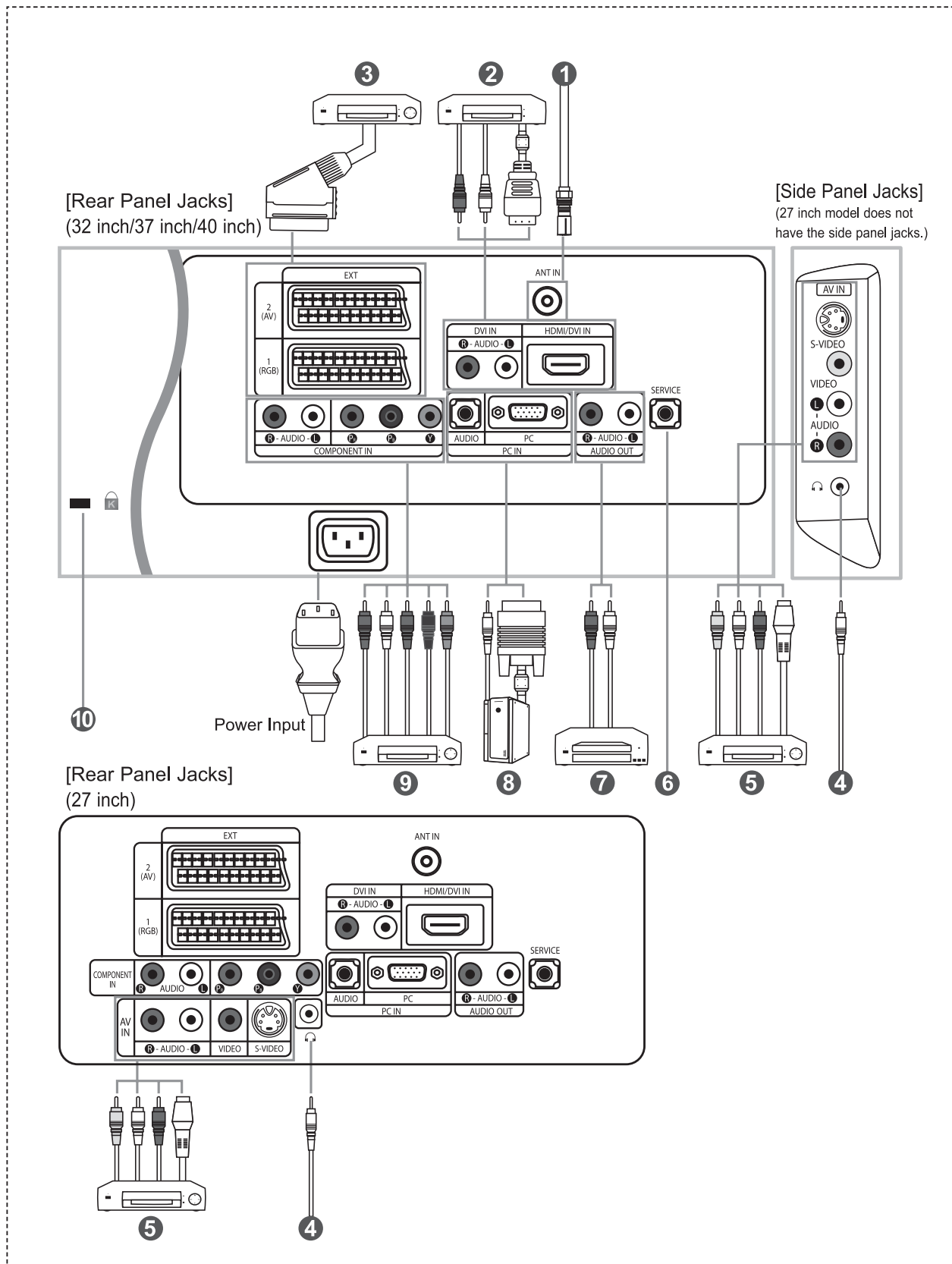
7 (Power)

Press to turn the TV on and off.

8 Power Indicator

Blinks and turns off when the power is on and lights up in stand-by mode.

10-2 Connection Panel



- ☛ Whenever you connect an external device to your TV, make sure that power on the unit is turned off.
- ☛ When connecting an external device, match the colour of the connection terminal to the cable.

1 Connecting an Aerial or Cable Television Network

To view television channels correctly, a signal must be received by the set from one of the following sources:

- An outdoor aerial / A cable television network / A satellite network

2 Connecting HDMI/DVI

- Supports connections between HDMI-connection-enabled AV devices (Set-Top Boxes, DVD players, AV receivers and digital TVs).
- No additional Audio connection is needed for an HDMI to HDMI connection.

➤ What is HDMI?

- "High Definition Multimedia interface" allows the transmission of high definition digital video data and multiple channels of digital audio (5.1 channels).
- The HDMI/DVI terminal supports DVI connection to an extended device with the appropriate cable (not supplied). The difference between HDMI and DVI is that the HDMI device is smaller in size, has the HDCP (High Bandwidth Digital Copy Protection) coding feature installed, and supports multi - channel digital audio.

➤ You should use the DVI-to-HDMI cable or DVI-HDMI Adapter for the connection, and the "R - AUDIO - L" terminal on DVI for sound output.

- When connecting this product via HDMI or DVI to a Set Top Box, DVD Player or Games Console etc, make sure that it has been set to a compatible video output mode as shown in the table below.

Failure to observe this may result in picture distortion, image breakup or no picture.

➤ Supported modes for DVI or HDMI

| | 480i | 480p | 576i | 576p | 720p | 1080i |
|-----------|------|------|------|------|------|-------|
| 50Hz | X | O | X | O | O | O |
| 60Hz | X | O | X | X | O | O |
| Component | O | O | O | O | O | O |

- Do not attempt to connect the HDMI/DVI connector to a PC or Laptop Graphics Card.
(This will result in a blank screen being displayed)

3 Connecting Set-Top Box, VCR or DVD

- Connect the VCR or DVD SCART cable to the SCART connector of the VCR or DVD.
- If you wish to connect both the Set-Top Box and VCR (or DVD), you should connect the Set-Top Box to the VCR (or DVD) and connect the VCR (or DVD) to your set.

5 Connecting External A/V Devices

- Connect RCA or S-VIDEO cable to an appropriate external A/V device such as VCR, DVD or Camcorder.
- Connect RCA audio cables to "R - AUDIO - L" on the rear of your set and the other ends to corresponding audio out connectors on the A/V device.
- Headphone may be connected to the headphone output (4) on the rear of your set. While the headphone is connected, the sound from the built-in speakers will be disabled.

6 SERVICE

- Service connection for qualified service engineer.

7 Connecting AUDIO

- Connect RCA audio cables to "R - AUDIO - L" on the rear of your set and the other ends to corresponding audio in connectors on the Amplifier or DVD Home Theater.

8 Connecting Computer

- Connect the D- Sub cable (optional) to "PC (PC IN)" on the rear of your set and the other end to the Video Card of your computer.
- Connect the stereo audio cable (optional) to "AUDIO (PC IN)" on the rear of your set and the other end to "Audio Out" of the sound card on your computer.

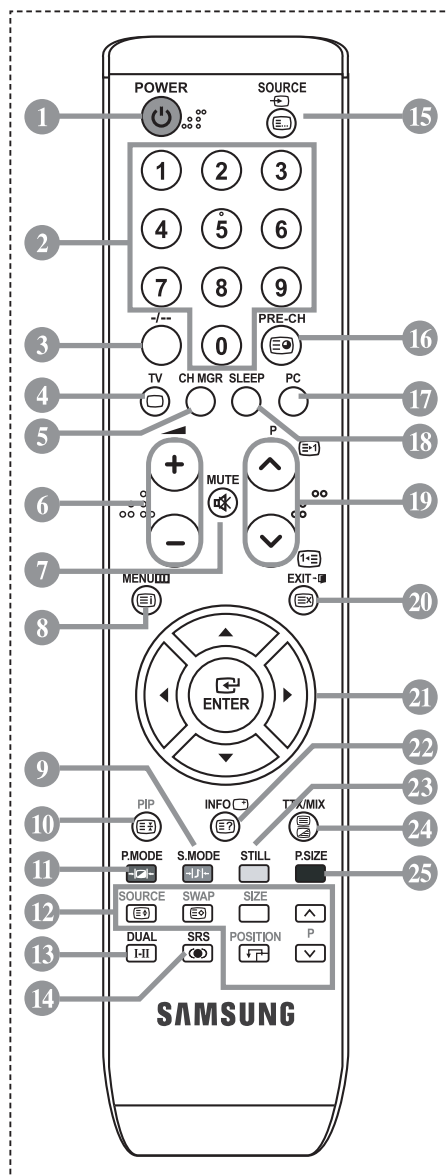
9 Connecting Component Devices (DTV/DVD)

- Connect component video cables (optional) to component connector ("Pr", "Pb", "Y") on the rear of your set and the other ends to corresponding component video out connectors on the DTV or DVD.
- If you wish to connect both the Set-Top Box and DTV (or DVD), you should connect the Set-Top Box to the DTV (or DVD) and connect the DTV (or DVD) to component connector ("Pr", "Pb", "Y") on your set.
- The Pr, Pb and Y connectors on your component devices (DTV or DVD) are sometimes labeled Y, B-Y and R-Y or Y, Cb and Cr.
- Connect RCA audio cables (optional) to "R - AUDIO - L" on the rear of your set and the other ends to corresponding audio out connectors on the DTV or DVD.
- This LCD TV displays its optimum picture resolution in 720p mode.
- This LCD TV displays its maximum picture resolution in 1080i mode.

10 Kensington Lock

- The Kensington lock (optional) is a device used to physically fix the system when used in a public place.
- If you want to use a locking device, contact the dealer where you purchased the TV.
- The place of the Kensington Lock may be different depending on its model.

10-3 Remote Control



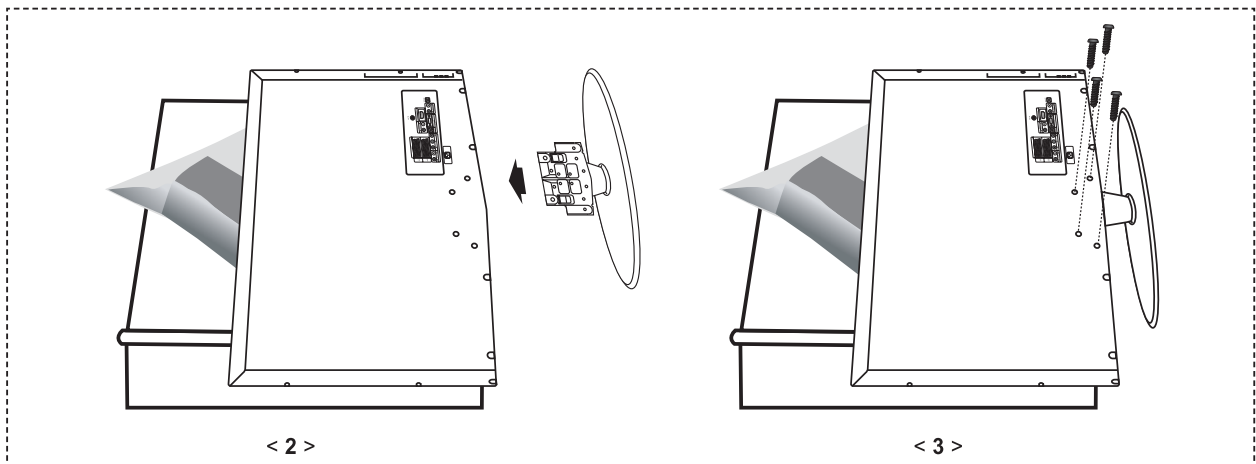
- 1 Television Standby button
- 2 Number buttons for direct channel access
- 3 One/Two-digit channel selection
- 4 Selects the TV mode directly
- 5 It display "Channel Manager" on the screen.
- 6 Volume increase
 Volume decrease
- 7 Temporary sound switch-off
- 8 Menu display and change confirmation
- 9 Sound mode selection
- 10 Picture-In-Picture On / Off
- 11 Picture effect selection
- 12 **PIP FUNCTIONS**
SOURCE: Input source selection
SWAP: Interchange the main and sub picture
SIZE: PIP size selection
POSITION: PIP position selection
P : Next channel
P : Previous channel
- 13 Sound effect selection
- 14 SRS TSXT selection
- 15 Available source selection
- 16 Previous channel
- 17 Selects the PC mode directly
- 18 Automatic Power-off
- 19 P : Next channel
P : Previous channel
- 20 Exit the OSD
- 21 Control the cursor in the menu
- 22 Use to see information on the current broadcast
- 23 Picture freeze
- 25 Picture size selection

Teletext Functions

- 4 Exit from the teletext display
- 8 Teletext index
- 10 Teletext hold
- 12 **SOURCE**: Teletext size selection
- 12 **SWAP**: Teletext store
- 15 Teletext mode selection (LIST/FLOF)
- 16 Teletext sub page
- 19 P : Teletext next page
P : Teletext previous page
- 20 Teletext cancel
- 22 Teletext reveal
- 24 Alternately select Teletext, Double, or Mix.
- 9 11 23 25 Fastext topic selection

- The performance of the remote control may be affected by bright light.
- This is a special remote control for the visually impaired, and has Braille points on the Power, Channel and Volume buttons.

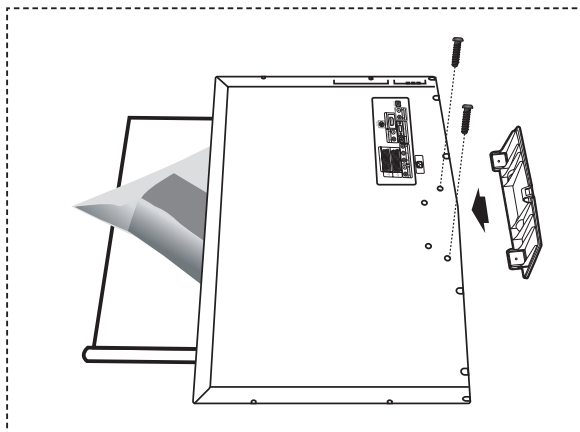
10-4 Installing the Stand



- 1.** Place the TV faced down on a soft cloth or cushion on a table.
- 2.** Put the stand into the hole at the bottom of the TV.
- 3.** Insert screw into the hole indicated and tighten.

➤ The stand is installed for models with the screen size of 40 inch and above.

10-5 Installing the Wall Mount Kit



Wall mount items (sold separately) allow you to mount the TV on the wall.

For detailed information on installing the wall mount, see the instructions provided with the Wall Mount items. Contact a technician for assistance when installing the wall mounted bracket.

Samsung Electronics is not responsible for any damage to the product or injury to yourself or others if you elect to install the TV on your own.

- Remove the stand and cover the bottom hole with a cap and fasten with two screws.

Memo


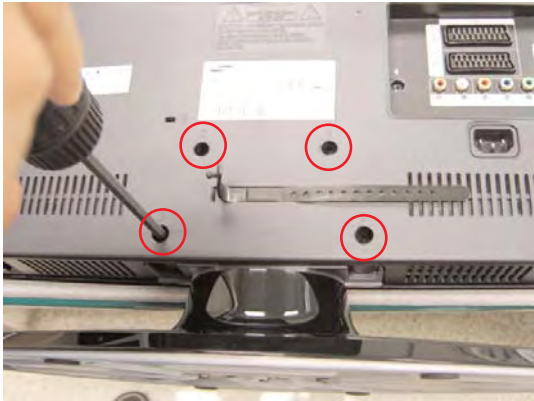
11 Disassembly and Reassembly

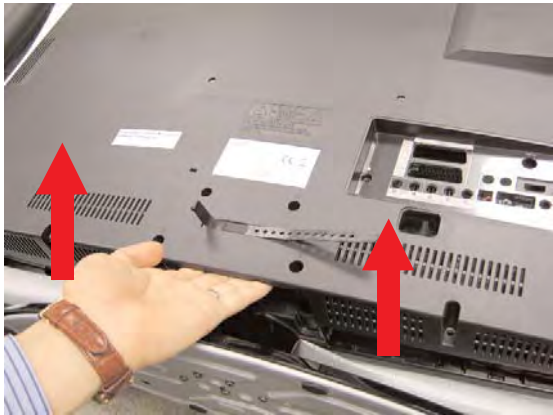
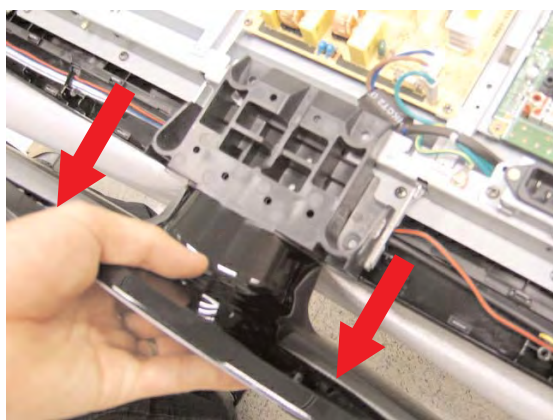

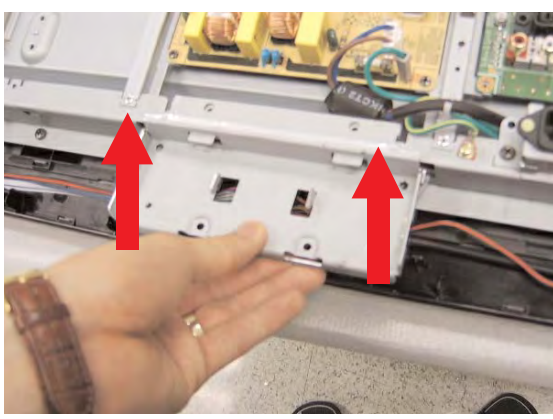
This section of the service manual describes the disassembly and reassembly procedures for the TFT-LCD TV.

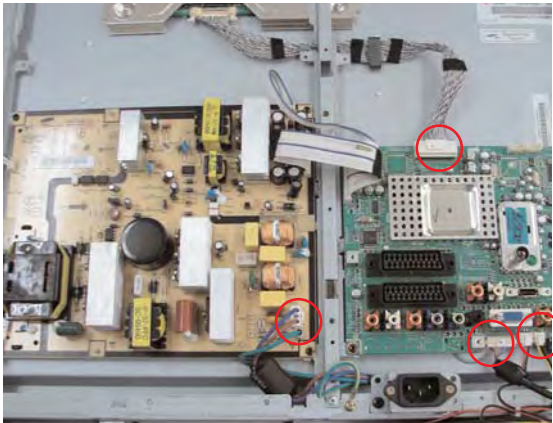
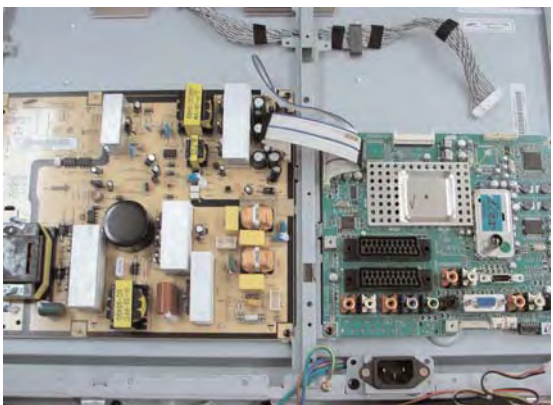
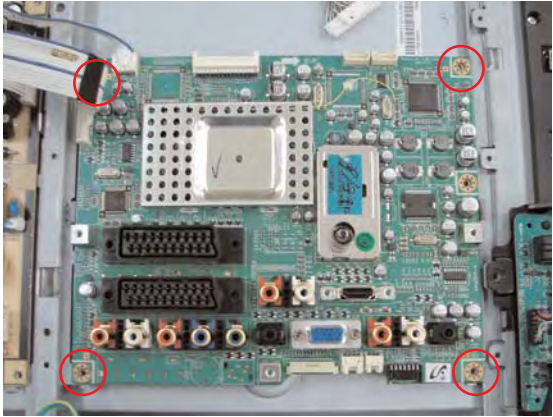
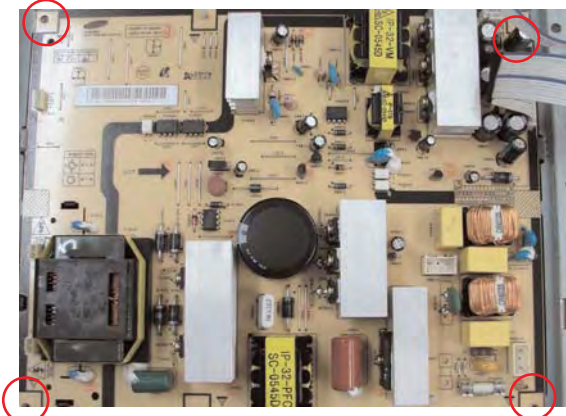
⚠ WARNING : This monitor contains electrostatically sensitive devices. Use caution when handling these components.

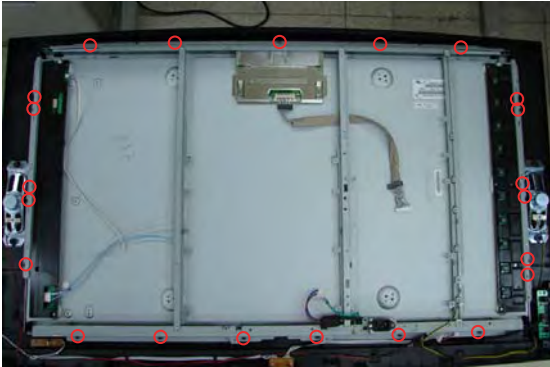
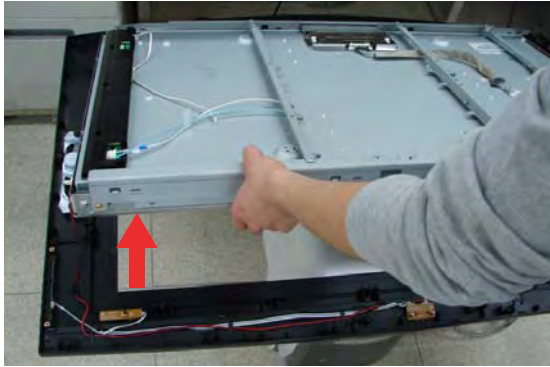
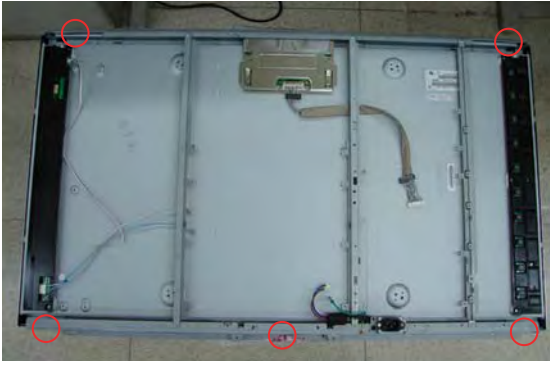
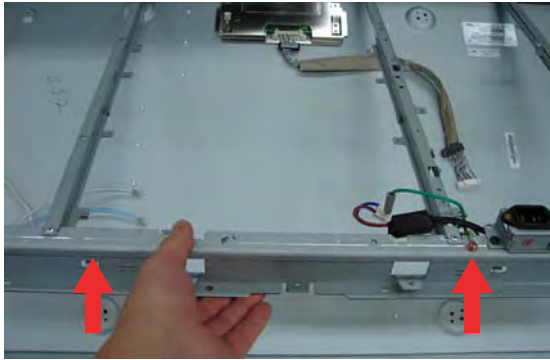
11-1 Disassembly


⚠ Cautions : 1. Disconnect the monitor from the power source before disassembly.
2. Follow these directions carefully; never use metal instruments to pry apart the cabinet.

| Description | Picture Description |
|---|--|
| 1. Place monitor face down on cushioned table. Remove screws from the rear cover. Remove screws from the stand. |  |
| |  |

| Description | Picture Description |
|---|--|
| <p>2. Lift up the rear cover and remove the stand.</p> |  |
| |  |
| <p>3. Remove Screws from the stand BRKT and lift up the stand BRKT.</p> |  |
| |  |

| Description | Picture Description |
|---|--|
| <p>4. Disonnect cable from the boards.</p> |  |
| |  |
| <p>5. Remove screws from the boards and lift up the boards.</p> |  |
| |  |

| Description | Description Picture |
|--|---|
| <p>6. Remove screws and Lift up the Lcd panel.</p> |   |
| <p>7. Remove 5 screws from the BRKT. Lift up the BRKT.</p> |   |

| Description | Description Picture |
|-------------|--|
| |  |

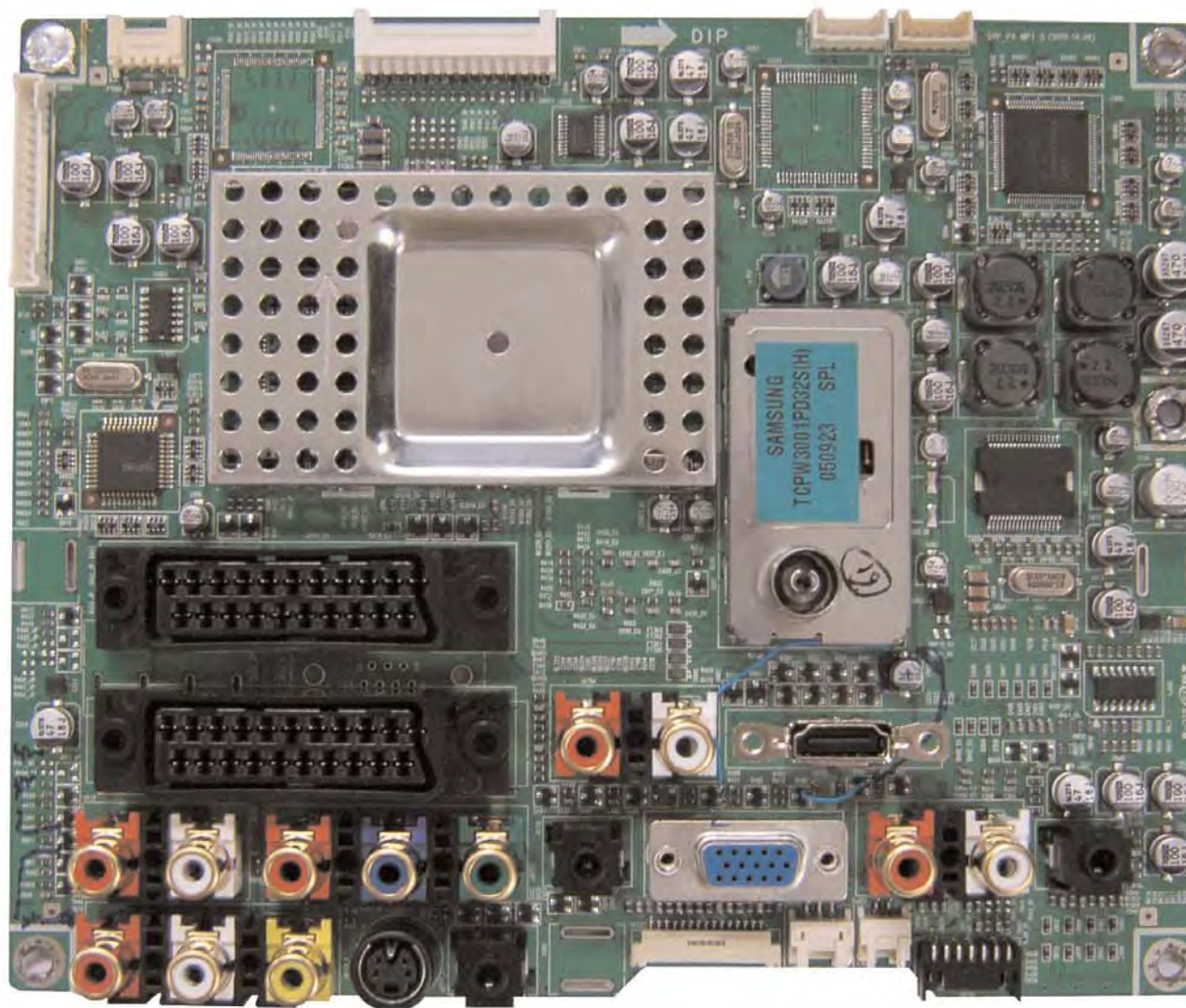
11-2 Reassembly

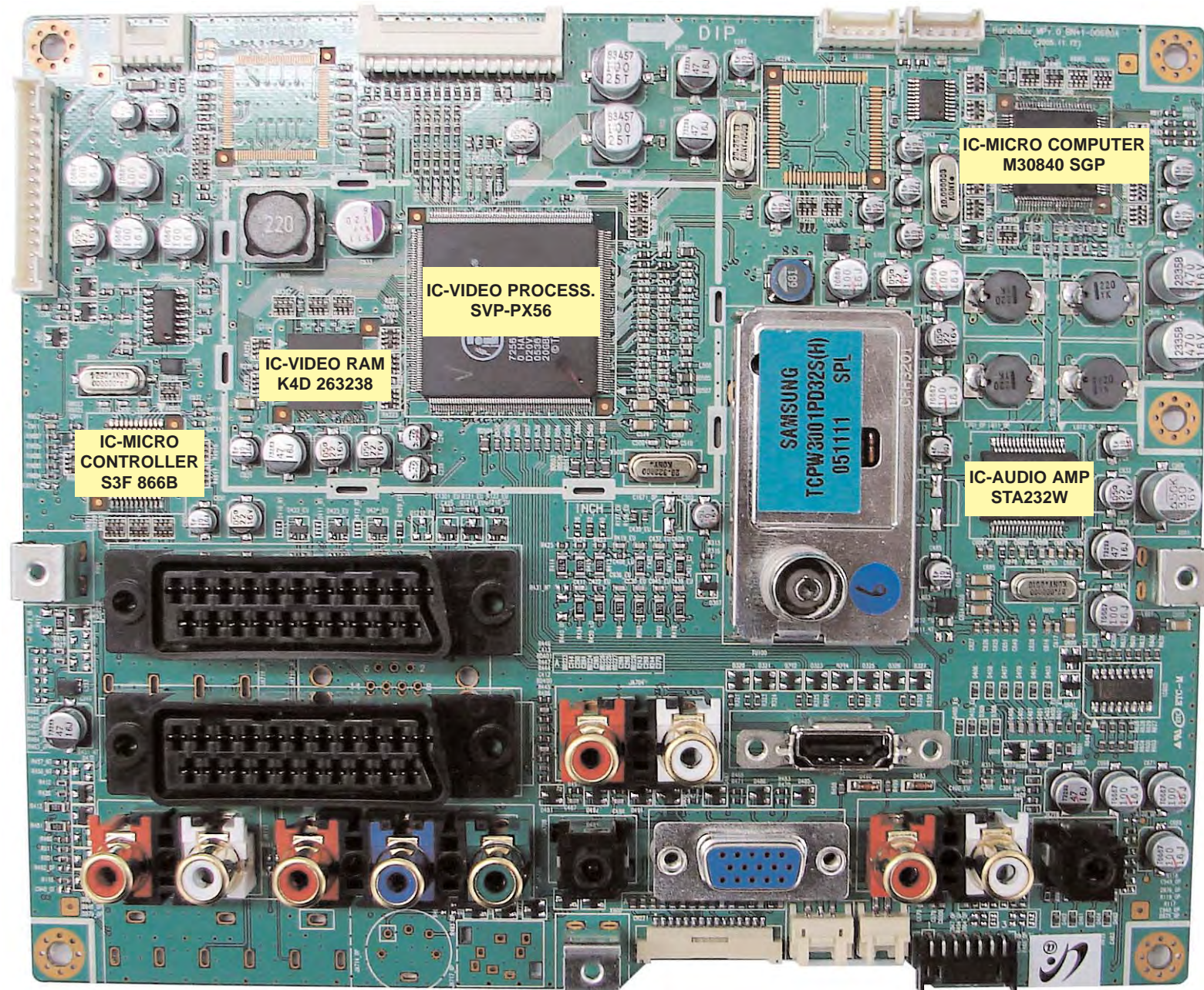
Reassembly procedures are in the reverse order of disassembly procedures.

Memo

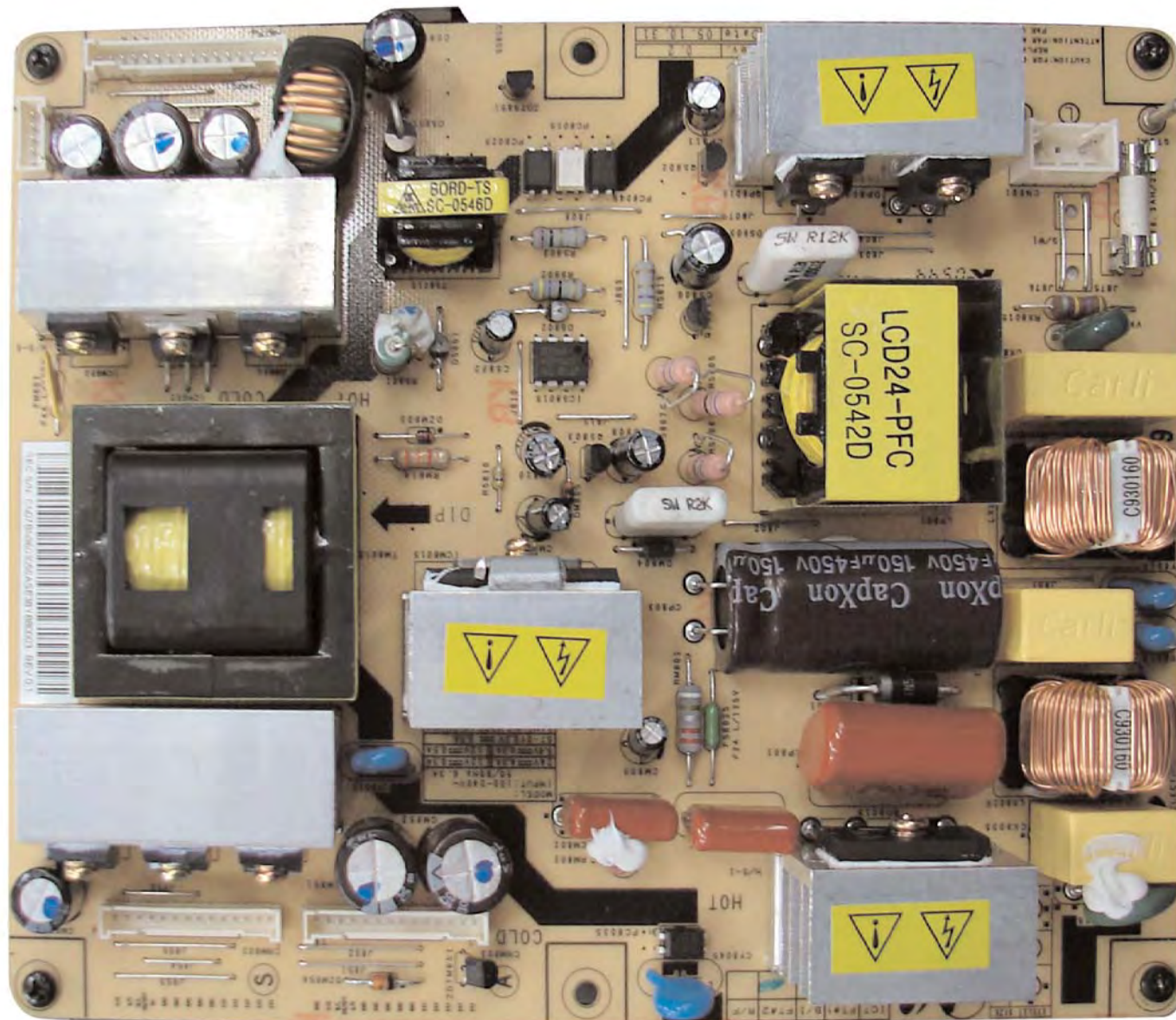
12 PCB Diagram

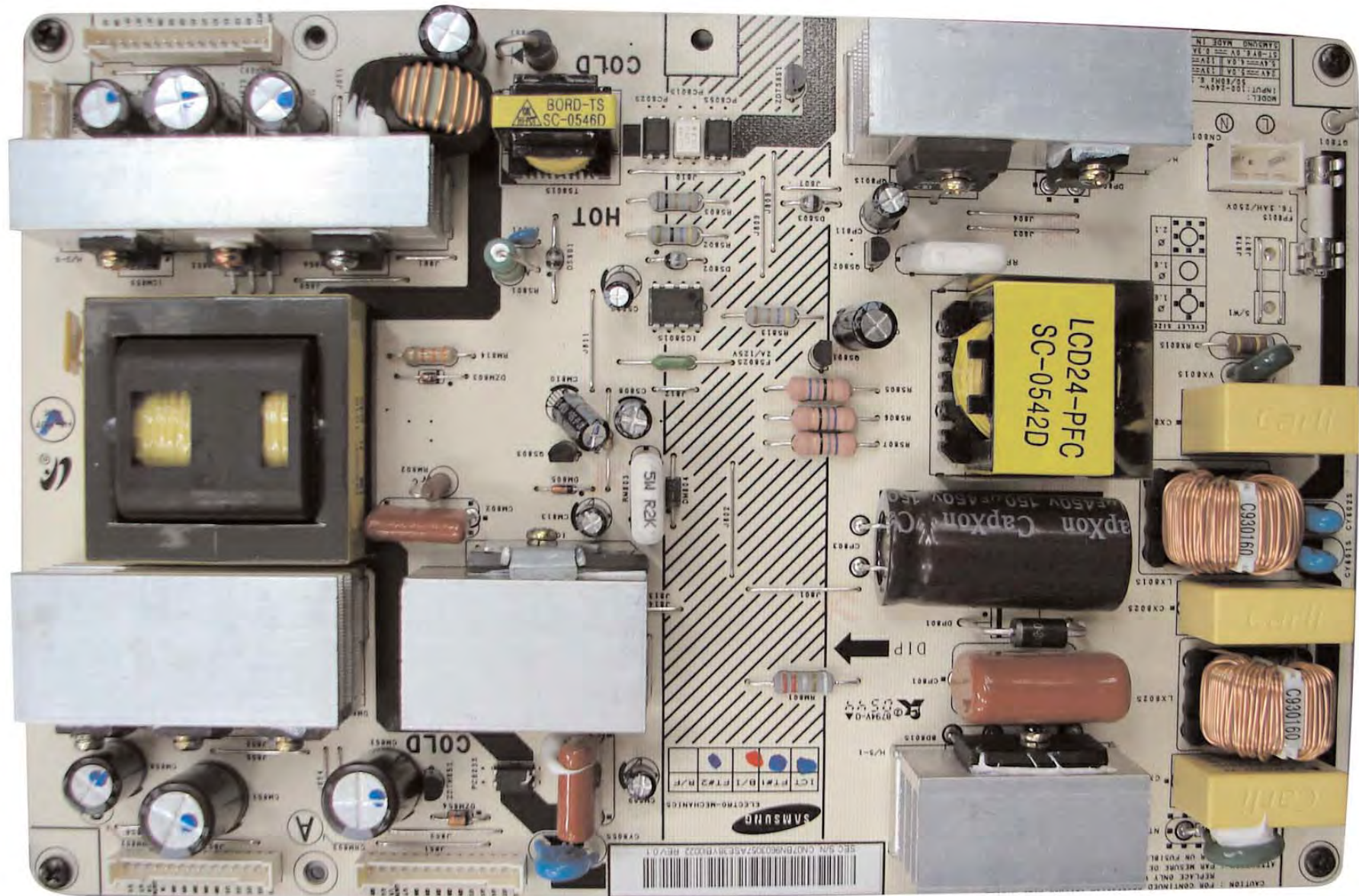
12-1 26" Main PCB Diagram





12-3 26" SMPS



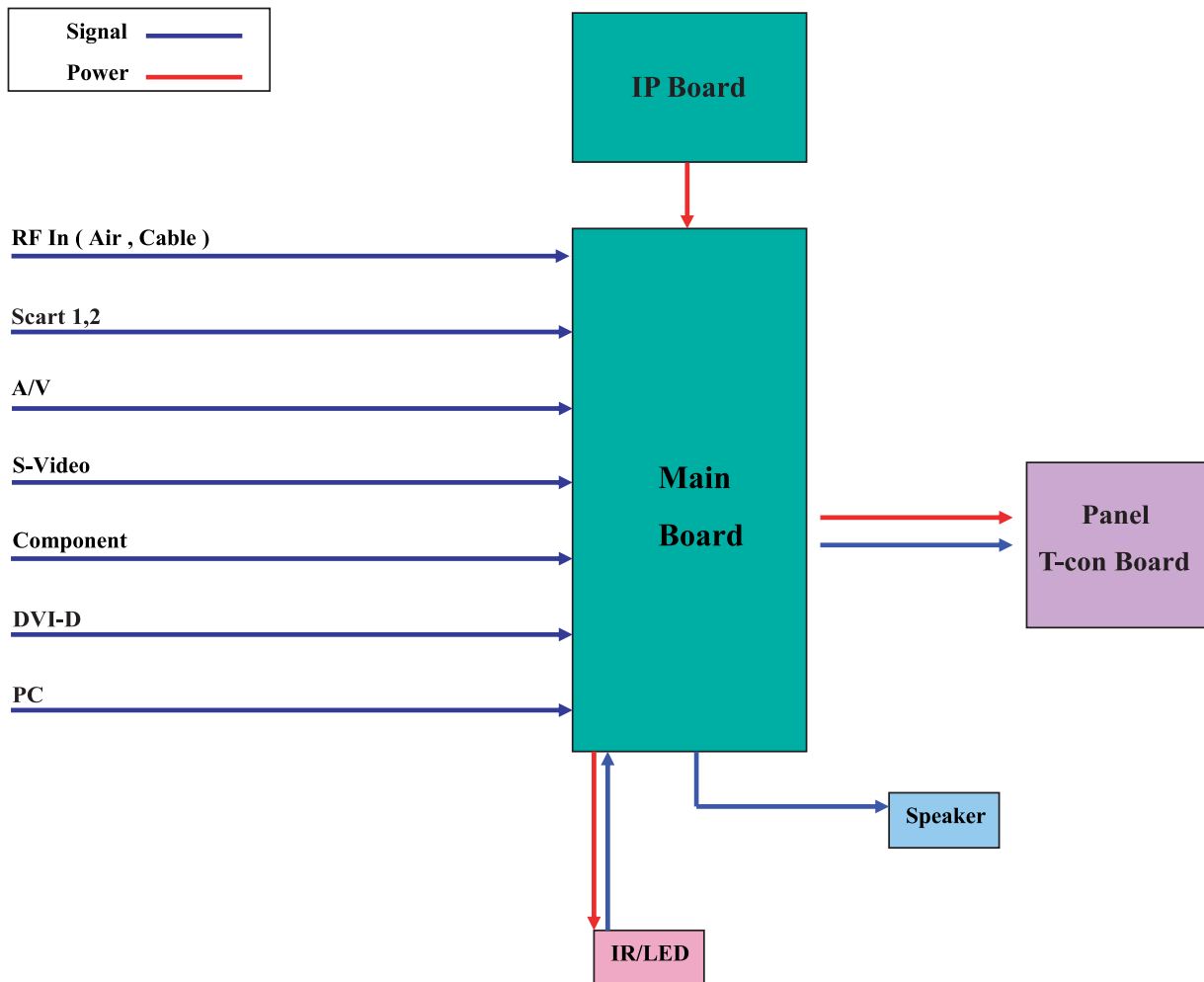




Memo

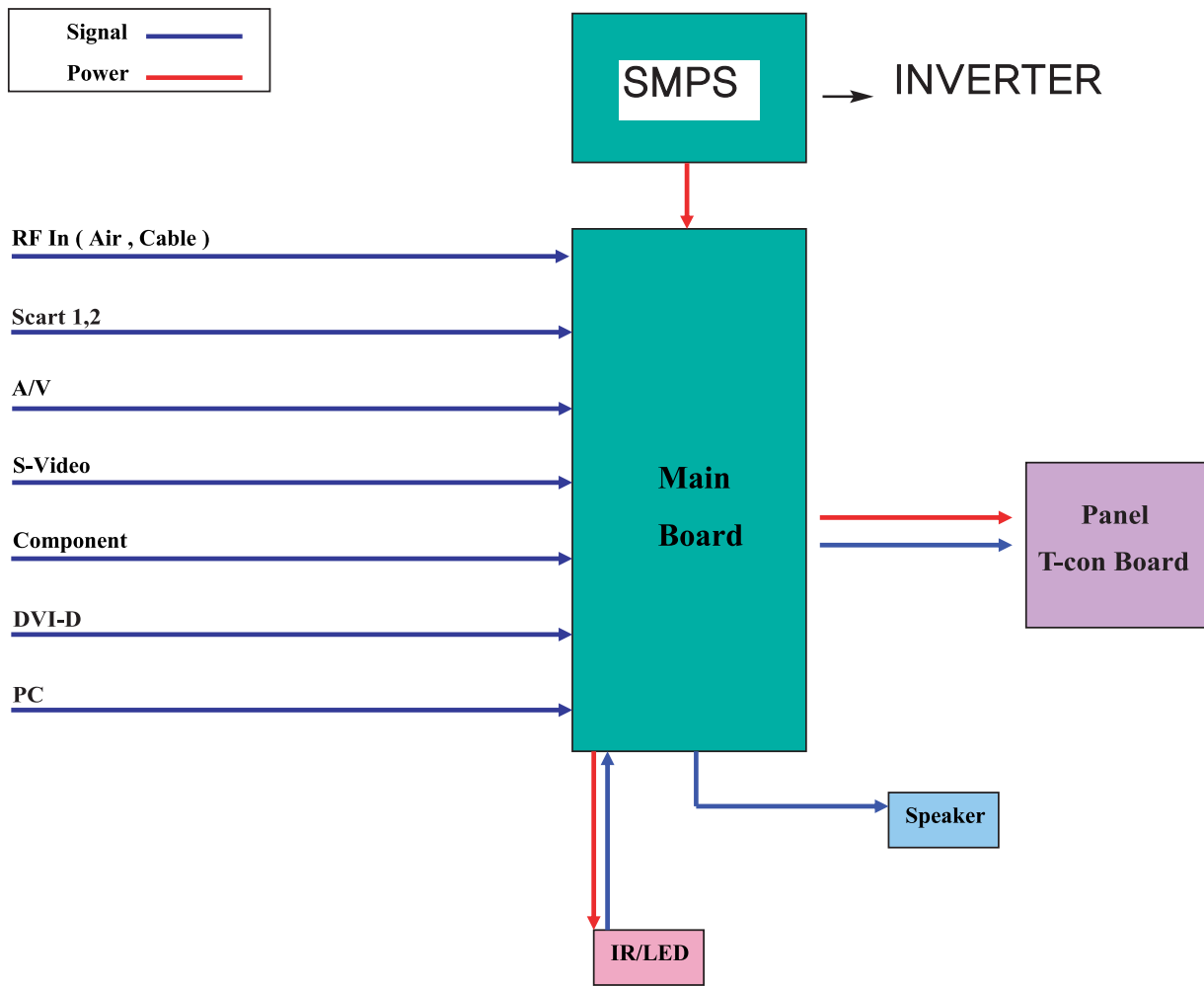
13 Circuit Descriptions

13-1 Block description



Bordeaux consists of three main blocks

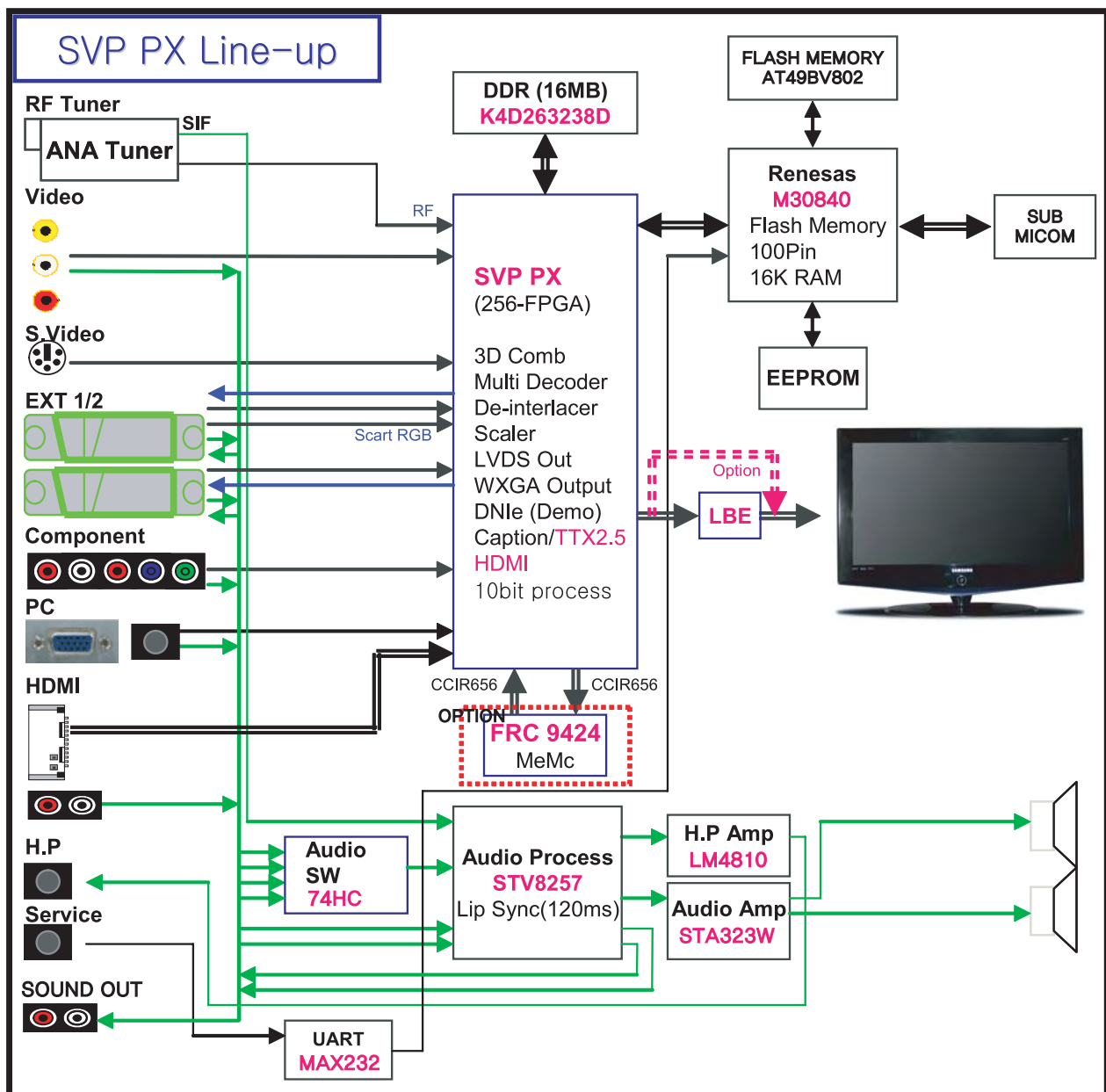
1. Main board : Video signal processing
2. IP board : Power supply & Inverter
3. T-con board : LCD Panel control



Bordeaux consists of three main blocks

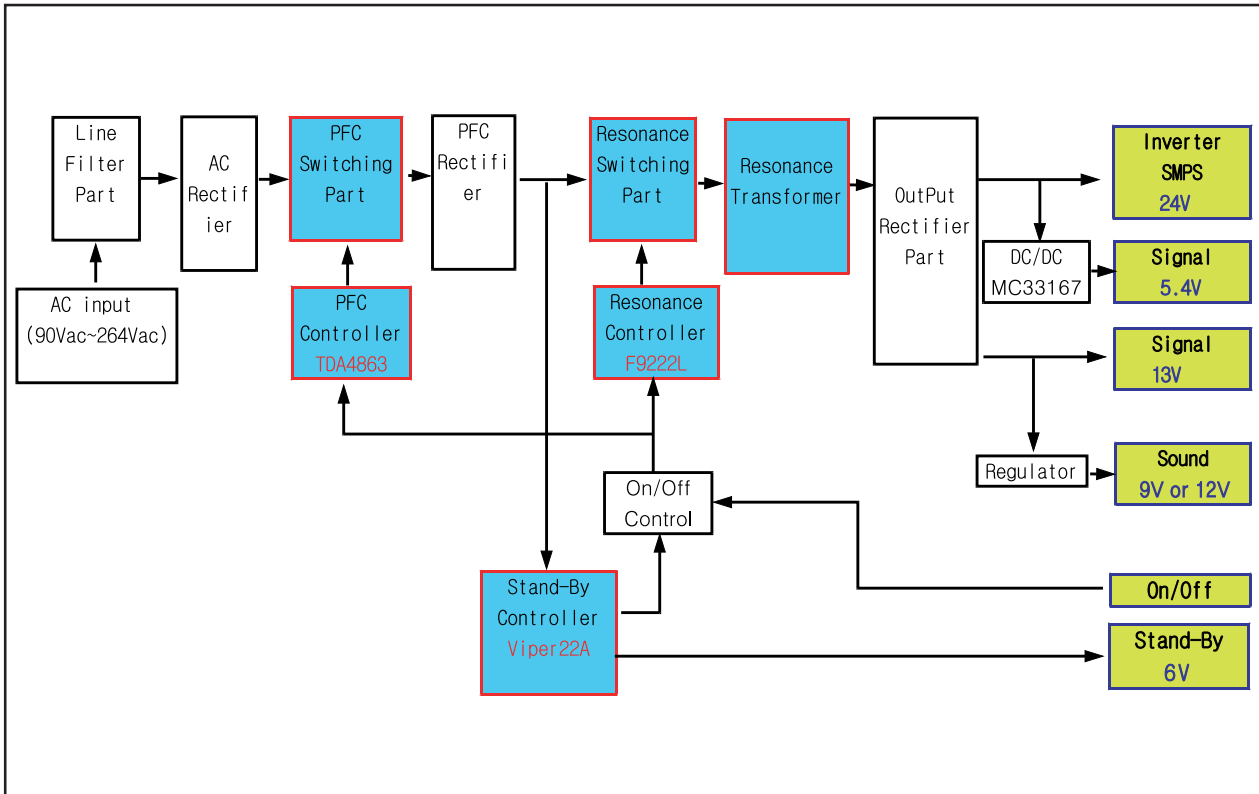
1. Main board : Video signal processing
2. SMPS : Power supply
3. T-con board : LCD Panel control

13-2 Main Block

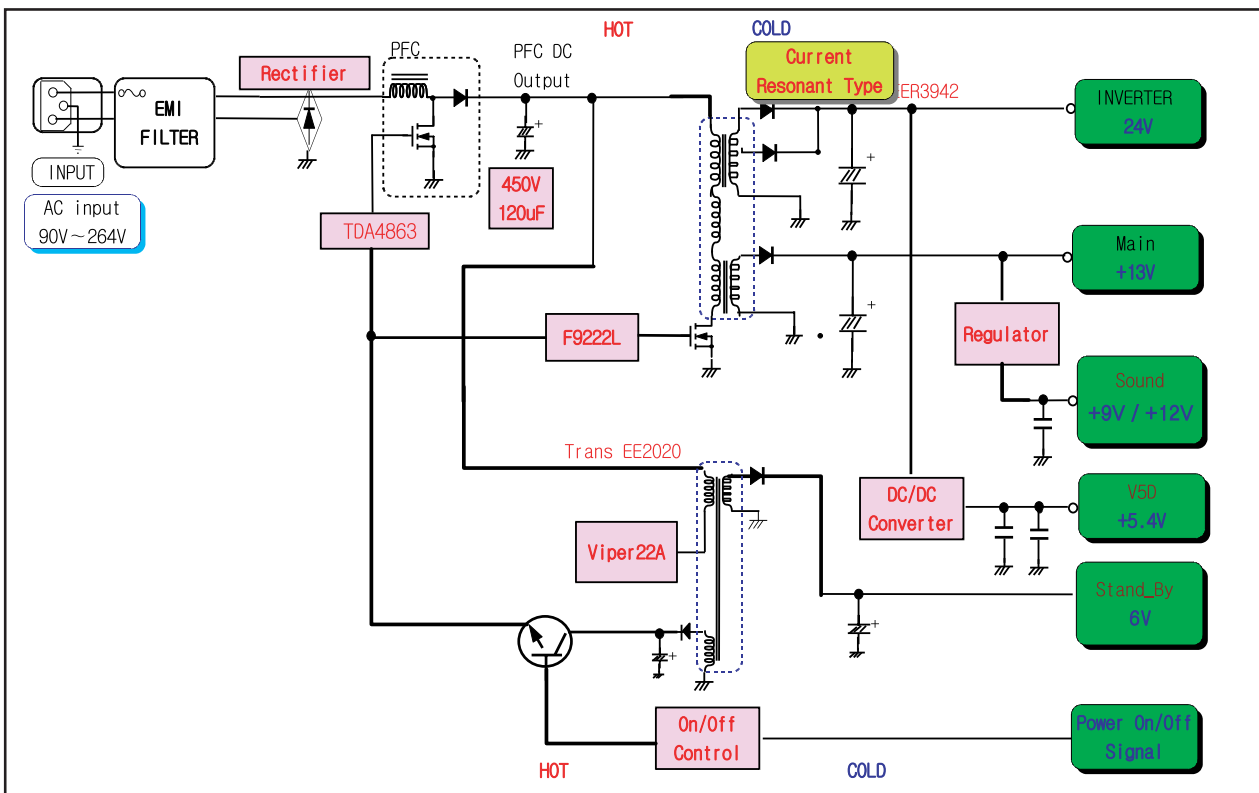


13-3 SMPS Board

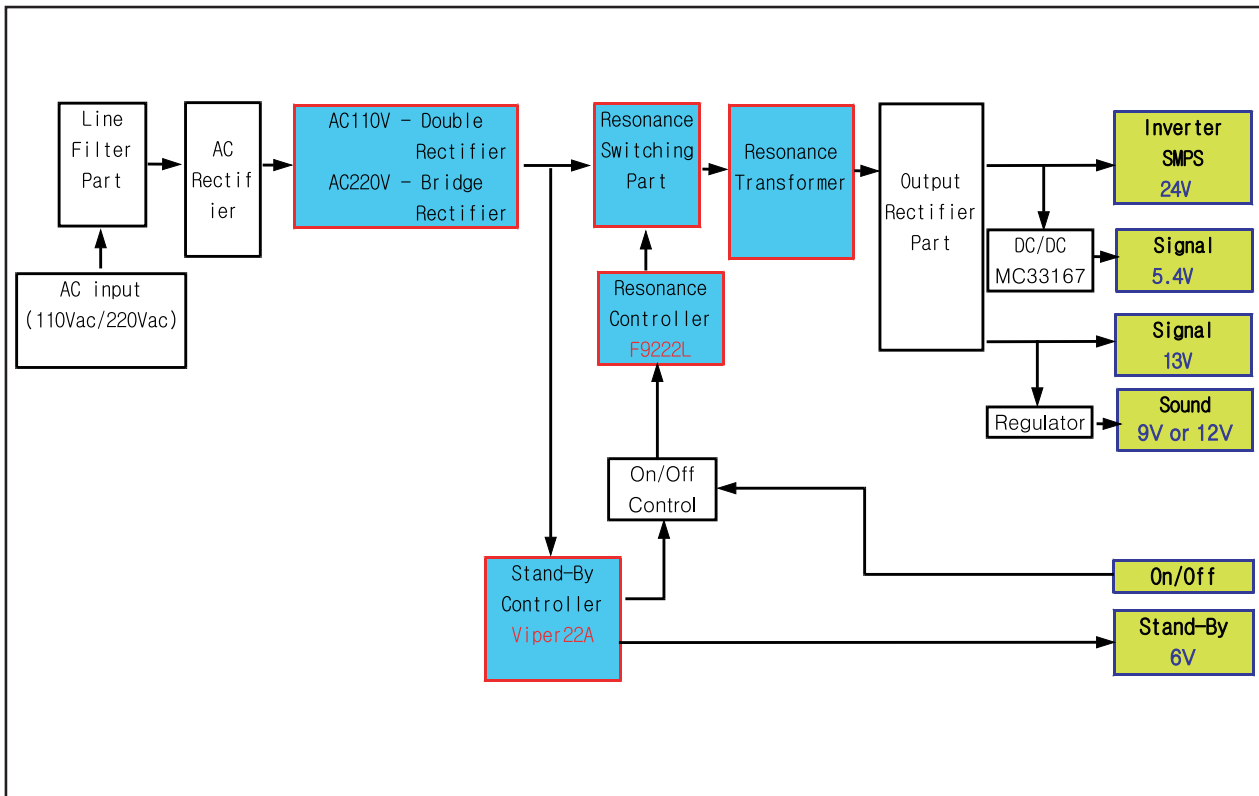
13-3-1 26", 32" Power Block



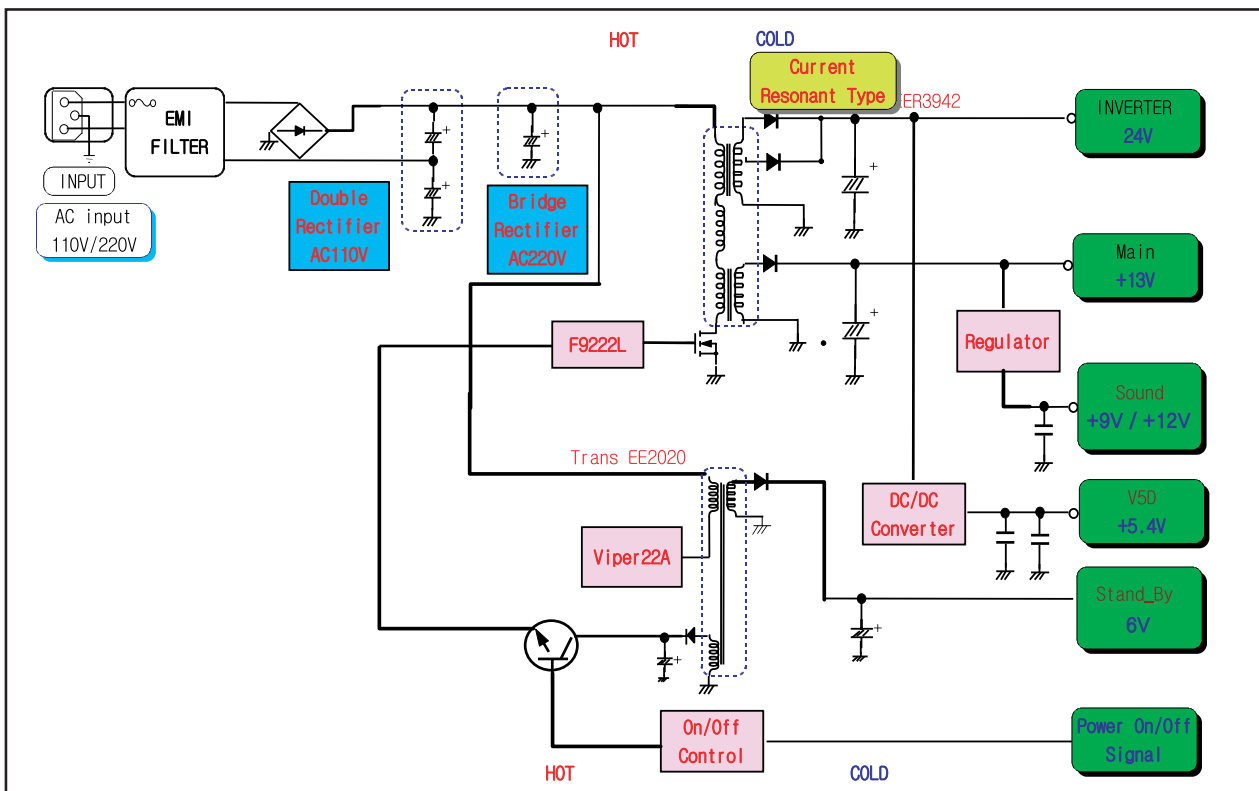
13-3-2 26", 32" SMPS Diagram



13-3-3 26" , 32" Power Block



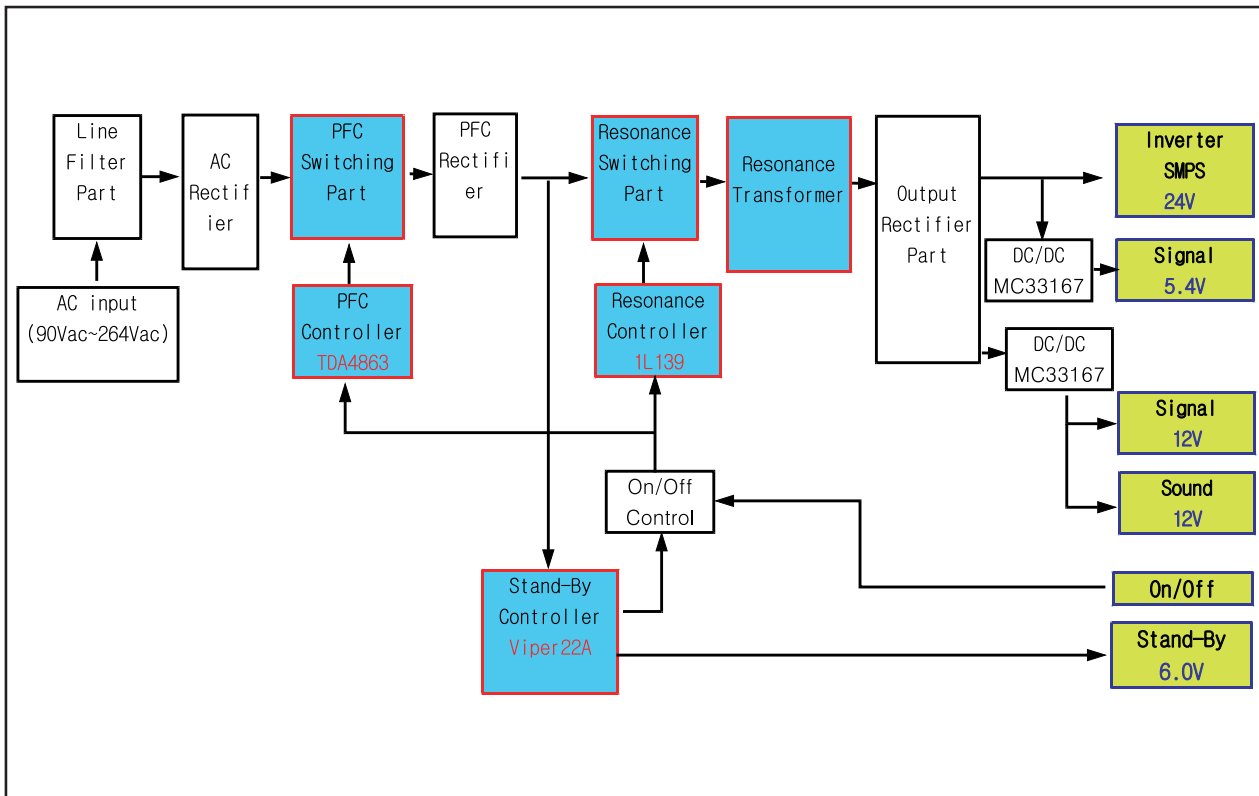
13-3-4 26" , 32" SMPS Diagram



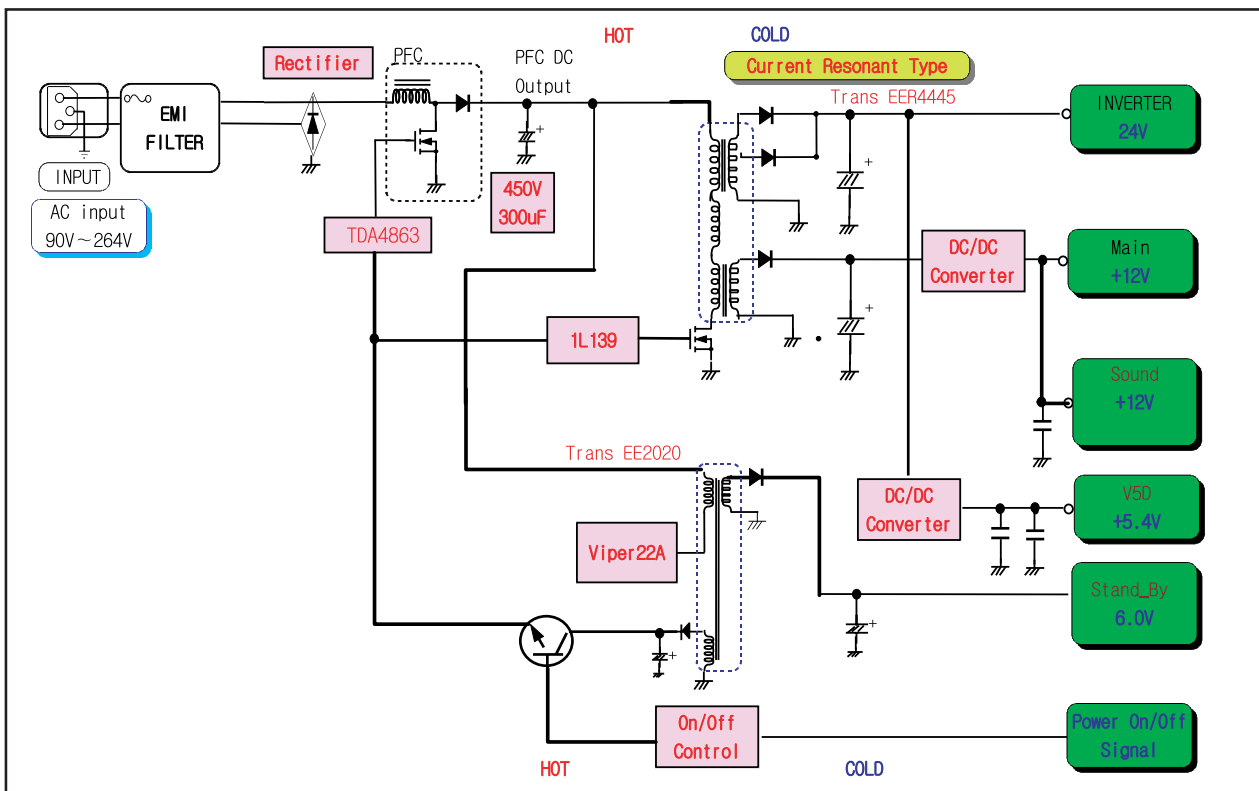
13 Circuit Descriptions

| Output Name | Output Voltage | | | Output Current | | | Load Characteristics | PCB Loc. | Usage | Remark |
|--------------|----------------|----------------|--------------------|----------------|---------|------|----------------------|----------|---|--------|
| | Nominal | Regulation (%) | Variable Range | Min | Typical | Peak | | | | |
| 24V | 24.5V | ± 4 | 23.52V ~ 25.48V | 0.1A | 3.0A | 4.0A | Pulsating | Main B'D | Drive | - |
| 5.4V | 5.4V | ± 5 | 5.13V ~ 5.67V | 0.1A | 3.0A | 5.0A | Constant | Main B'D | Drive, Logic, Buffer, Image Digital | - |
| 13V | 12.7V | ± 7 | 11.9V ~ 13.7V | 0.01A | 0.3A | 0.5A | Constant | Main B'D | Image Analog | - |
| Vamp | 9.2V | ± 4 | 8.83V ~ 9.57V | 0.01A | 0.3A | 1.1A | Constant | Main B'D | Sound | - |
| ST-BY | 8.0V | | 5.58V ~ 8.5V | 0.1A | 0.3A | 0.6A | Constant | Main B'D | Stand-by | - |

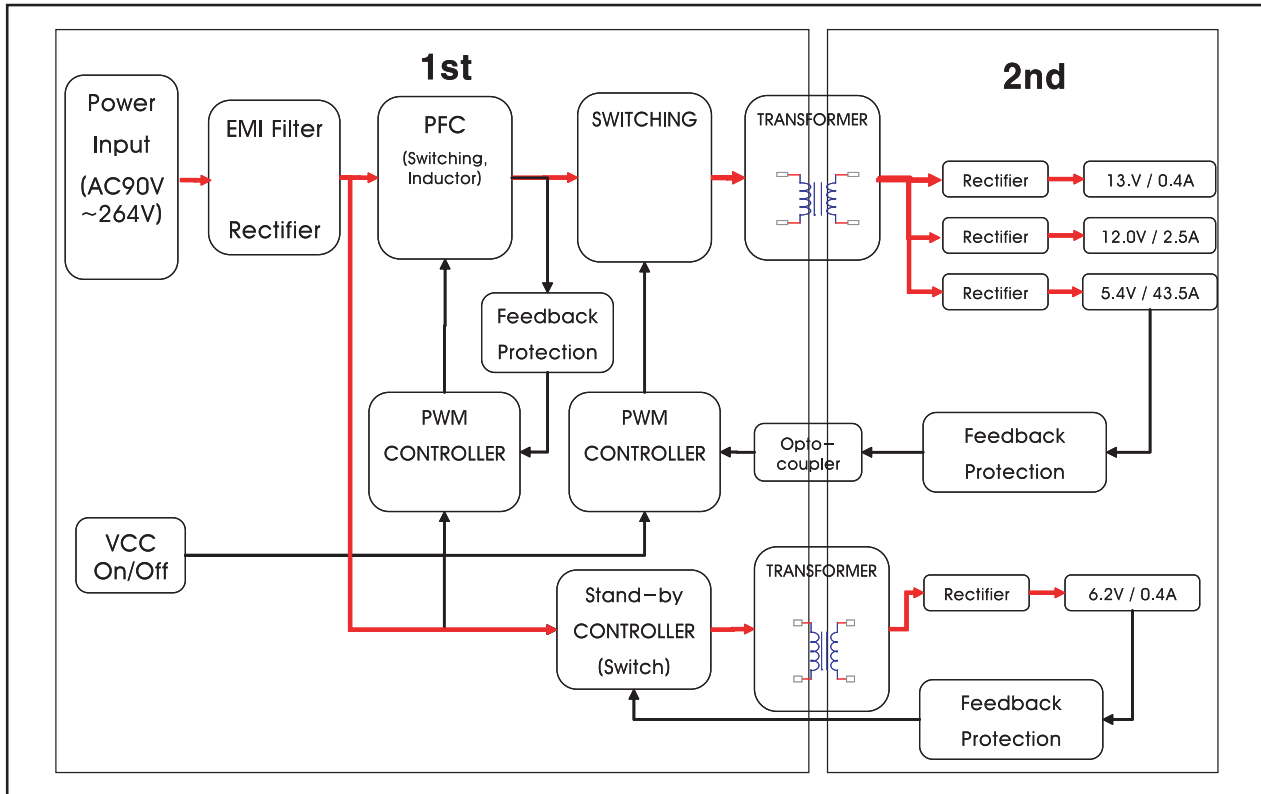
13-3-5 37" Power Block



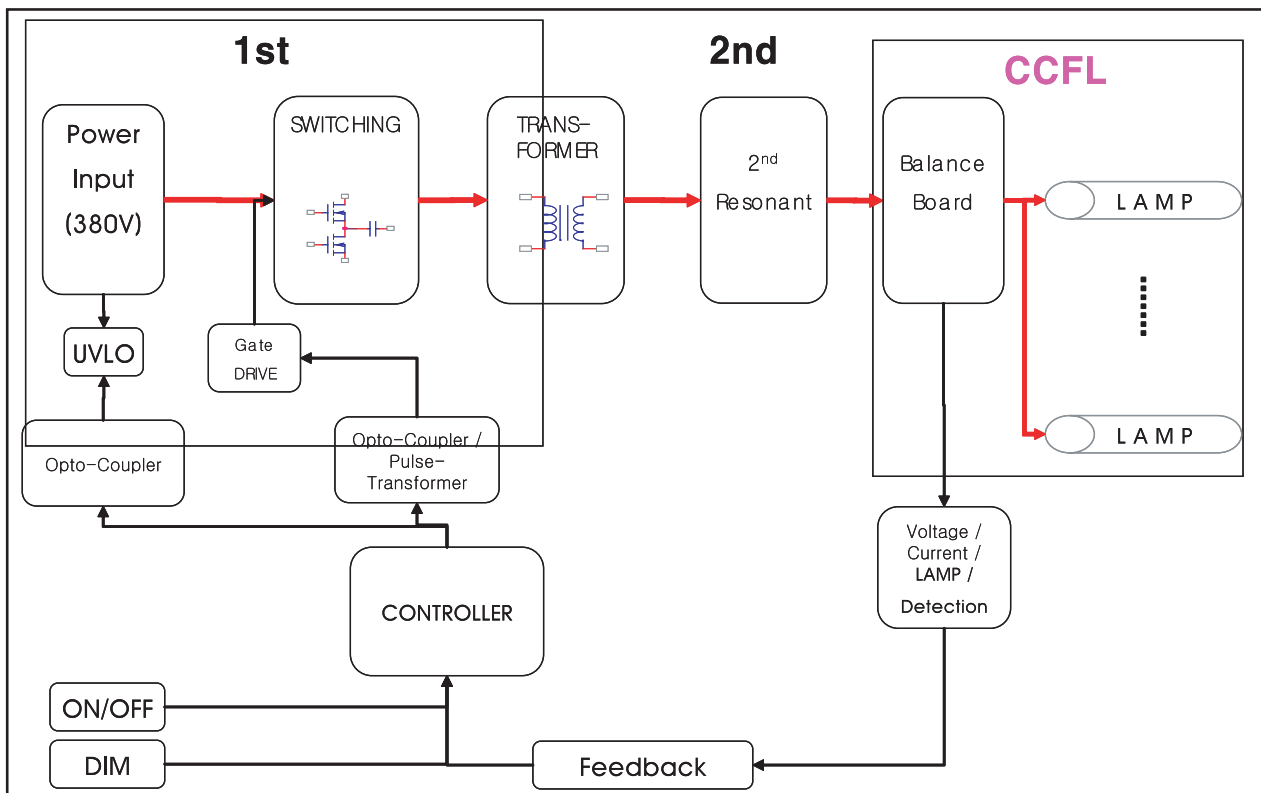
13-3-6 37" SMPS Diagram



13-3-7 32" , 40" IP Board



13-3-8 32" , 40" IP Board



14 Reference Information

14-1 Technical Terms

- TFT-LCD

(Thin film Transistor Liquid Crystal Display)

ADC(Analog to Digital Converter)

This is a circuit that converts from analog signal to digital signals.

- PLL(Phase Locked Loop)

During progressing ADC, Device makes clock synchronizing HSYNC with Video clock

- Inverter

Device that supply Power to LCD panel lamp. this device generate about 1,500~2,000V.

- AC Adapter

Device that converts AC(90V~240V) to DC(+12V or 14V)

- SMPS(Switching Mode Power Supply)

Switching Mode Power supply. This design technology is used to step up/down the input power by switching on/off

- FRC(Frame Rate Controller)

Technology that change image frame quantity displayed on screen for one second.

Actually TFT-LCD panel require 60 pcs of frame for one second.

so, this technology is needed to convert input image to 60 pcs regardless input frame quantity.

- Image Scaler

Technology that convert various input resolution to other resolution.(ex. 640* 480 to 1024*768)

- Auto Configuration(Auto adjustment)

This is an algorithm to adjust monitor to optimum condition by pushing one key.

- OSD(On Screen Display)

On screen display. customer can control the screen easily with this.

- Image Lock

This means "Fineness adjustment" in LCD Monitor, the features are "Fine" and "Coarse"

- FINE

"Fine" adjustment is used to adjust visibility by control phase difference.

- COARSE

This is a adjustment by tuning with Video colck and PLL clock.

- DVI (Digital Visual Interface)

This provides a high speed digital connection for visual data types that is display technology independent. this interface is primarily focused at providing a connection between a computer and its display device.

- L.V.D.S.(Low Voltage Differential Signaling)

a kind of transmission method for Digital.It can be used from Main PBA to Panel.

- DVI (Digital Visual Interface)

This provides a high speed digital connection for visual data types that is display technology independent. this interface is primarily focused at providing a connection between a computer and its display device.

- T.M.D.S

(Transition minimized Differential Signaling)

a kind of transmission method for Digital.

It can be used from Video card to Main PBA.

- DDC(Display data channel)

It is a communication method between Host Computer and related equipment.

It can make it Plug and Play between PC and Monitor.

- EDID

Extended Display Identification Data PC can recognize the monitor information as Product data, Product name, Display mode, Serial number and Signal source, etc through DDC Line communicating with PC and Monitor.

- Dot Pitch

The image on a monitor is composed of red, green and blue dots. The closer the dots, the higher the resolution. The distance between two dots of the same color is called the 'Dot Pitch'. Unit: mm

- Vertical Frequency

The screen must be redrawn several times per second in order to create and display an image for the user. The frequency of this repetition per second is called Vertical Frequency or Refresh Rate. Unit: Hz

Example: If the same light repeats itself 60 times per second, this is regarded as 60 Hz.

- Horizontal Frequency

The time to scan one line connecting the right edge to the left edge of the screen horizontally is called Horizontal Cycle. The inverse number of the Horizontal Cycle is called Horizontal Frequency. Unit: kHz

- Interlace and Non-Interlace Methods

Showing the horizontal lines of the screen from the top to the bottom in order is called the Non-Interlace method while showing odd lines and then even lines in turn is called the Interlace method.

The Non-Interlace method is used for the majority of monitors to ensure a clear image. The Interlace method is the same as that used in TVs.

- Plug & Play

This is a function that provides the best quality screen for the user by allowing the computer and the monitor to exchange information automatically.

This monitor follows the international standard VESA DDC for the Plug & Play function.

- Resolution

The number of horizontal and vertical dots used to compose the screen image is called 'resolution'.

This number shows the accuracy of the display.

High resolution is good for performing multiple tasks as more image information can be shown on the screen.

Example: If the resolution is 1280 x 1024, this means the screen is composed of 1280 horizontal dots (horizontal resolution) and 1024 vertical lines (vertical resolution).

- BTSC

Broadcast Television System Committee

The stereo broadcasting system that is used in most of the countries that have adopted the NTSC system, including the United States, Canada, Chile, Venezuela and Taiwan. It also refers to the organization that has been organized to promote its development and management.

- EIAJ

Electronic Industries Association of Japan.

- RF Cable

A round signal cable generally used for TV antennas.

- Satellite Broadcasting

Broadcasting service provided via satellite. Enables high picture quality and clear sound throughout the country regardless of the location of the viewer.

- Sound Balance

Balances the levels of the sound coming from each speaker in televisions with two speakers.

- Cable TV

Whereas the terrestrial broadcasting is delivered via frequency signals through the air, cable broadcasting is transmitted via a cable network. In order to view cable TV, one must purchase a cable receiver and hook it up to the cable network.

- CATV

"CATV" refers to the broadcasting service offered at hotels, schools and other buildings through their own broadcasting system, apart from VHF or UHF broadcasting by terrestrial broadcasters. The CATV programs may include movies, entertainment and educational programs. (Different from cable TV.)

CATV can be viewed only within the area in which the CATV service is offered.

- S-Video

Short for "Super Video." S-Video allows up to 800 lines of horizontal resolution, enabling high-quality video.

- VHF/UHF

VHF indicates TV channels 2 to 13, and UHF indicates channels 14 through 69.

- Channel Fine Tuning

This feature allows the viewer to fine-tune the TV channel to obtain the best viewing conditions. The Samsung LCD TV has both automatic and manual channel fine-tuning features to enable the viewer to adjust their desired settings.

- External Device Input

External device input refers to video input from such external video devices as VCRs, camcorders and DVD players, separate from a TV broadcast.

14-2 Pin Assignments

14-2-1 DVI-D

| <div>Sync Type</div> <div>Pin No.</div> | 24P DVI-D | | | |
|---|-----------|----|------------------------------|--|
| 1 | Rx2- | 13 | NC | |
| 2 | Rx2+ | 14 | DDC Input power (+5V) | |
| 3 | GND | 15 | IDENT-DVI | |
| 4 | NC | 16 | Output Signal (HDCP Control) | |
| 5 | NC | 17 | Rx0- | |
| 6 | DDC - SCL | 18 | Rx0+ | |
| 7 | DDC - SDA | 19 | GND | |
| 8 | NC | 20 | NC | |
| 9 | Rx1- | 21 | NC | |
| 10 | Rx1+ | 22 | GND | |
| 11 | GND | 23 | RxC+ | |
| 12 | NC | 24 | RxC- | |

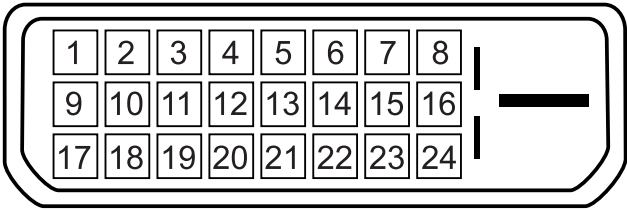


Figure 1.

14-2-2 Component

| | |
|-----------|---------|
| RCA Green | Y |
| | GND |
| RCA Blue | Pb (Cb) |
| | GND |
| RCA Red | Pr (Cr) |
| | GND |
| RCA White | Audio L |
| | GND |
| RCA Red | Audio R |
| | GND |

14-2-4 A/V

| | |
|------------|---------|
| RCA Yellow | CVBS |
| RCA White | Audio L |
| | GND |
| RCA Red | Audio R |
| | GND |

14-2-3 S-Video

| Pin | Separate |
|-----|----------|
| 1 | GND |
| 2 | Y |
| 3 | C |
| 4 | GND |
| 5 | GND |

14-2-5 D-SUB

| Pin | Separate |
|-----|----------------------|
| 1 | Red |
| 2 | Green |
| 3 | Blue |
| 4 | GND |
| 5 | GND |
| 6 | GND Red |
| 7 | GND Green |
| 8 | GND Blue |
| 9 | DDC Input power(+5V) |
| 10 | IDENT PC |
| 11 | GND |
| 12 | DDC Data(SDA) |
| 13 | H SYNC |
| 14 | V SYNC |
| 15 | DDC Clock(SCL) |

14-2-6 PC Display mode

Both screen position and size will vary depending on the type of PC monitor and its resolution.

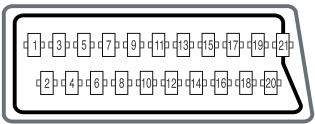
The resolutions in the table are recommended. (All resolutions between the supported limits are supported)

| Mode | Resolution | Horizontal Frequency (kHz) | Vertical Frequency (Hz) | Pixel Clock Frequency (MHz) | Sync Polarity (H/V) |
|------|------------|----------------------------|-------------------------|-----------------------------|---------------------|
| IBM | 640 x 480 | 31.469 | 59.940 | 25.175 | - / - |
| | 720 x 400 | 31.469 | 70.087 | 28.322 | - / + |
| VESA | 640 x 480 | 37.861 | 72.809 | 31.500 | - / - |
| | 640 x 480 | 37.500 | 75.000 | 31.500 | - / - |
| | 800 x 600 | 37.879 | 60.317 | 40.000 | + / + |
| | 800 x 600 | 48.077 | 72.188 | 50.000 | + / + |
| | 800 x 600 | 46.875 | 75.000 | 49.500 | + / + |
| | 1024 x 768 | 48.364 | 60.000 | 65.000 | - / - |
| | 1024 x 768 | 56.476 | 70.069 | 75.000 | - / - |
| | 1024 x 768 | 60.023 | 75.029 | 78.750 | + / + |
| | 1360 x 768 | 47.712 | 60.015 | 85.800 | + / + |
| | | | | | |

- The interlace mode is not supported.
- The set might operate abnormally if a non-standard video format is selected.
- DVI dose not support PC function.

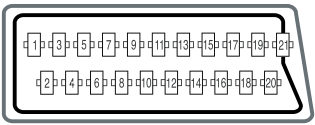
14 Reference Information

14-2-7 Scart 1



| Pin | Signal | Pin | Signal |
|-----|-----------------------|-----|--------------------------------------|
| 1 | Audio output R | 12 | NC |
| 2 | Audio input R | 13 | Video GND (RGB red) |
| 3 | Audio output L | 14 | GND |
| 4 | Audio common GND | 15 | RGB red input |
| 5 | Video GND (RGB blue) | 16 | Fast Blanking signal (RGB switching) |
| 6 | Audio input L | 17 | Video output GND |
| 7 | RGB blue input | 18 | Video input GND |
| 8 | Switching voltage | 19 | Video output (CVBS out) |
| 9 | Video GND (RGB green) | 20 | Video input (CVBS in) |
| 10 | NC | 21 | Common GND |
| 11 | RGB green input | | |

14-2-8 Scart 2



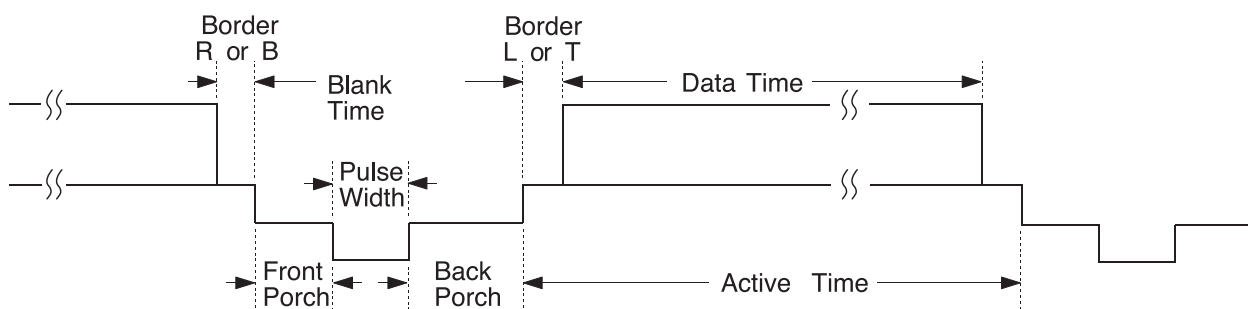
| Pin | Signal | Pin | Signal |
|-----|-----------------------|-----|-------------------------|
| 1 | Audio output R | 12 | NC |
| 2 | Audio input R | 13 | Video GND (RGB red) |
| 3 | Audio output L | 14 | GND |
| 4 | Audio common GND | 15 | RGB red input |
| 5 | Video GND (RGB blue) | 16 | NC |
| 6 | Audio input L | 17 | Video output GND |
| 7 | RGB blue input | 18 | Video input GND |
| 8 | Switching voltage | 19 | Video output (CVBS out) |
| 9 | Video GND (RGB green) | 20 | Video input (CVBS in) |
| 10 | NC | 21 | Common GND |
| 11 | RGB green input | | |

14-3 Timing Chart

This section of the service manual describes the timing that the computer industry recognizes as standard for computer-generated video signals.

14-3-1 LCD Panel Mode1 mode

| | |
|------------------|----------------|
| Timing No. | LTA400W2 |
| Originator | VESA |
| Mode Name | 1366/60Hz |
| Resolution (HxV) | 1366x768 |
| HORIZONTAL | |
| Frequency | 47.712kHz |
| Total time | 20.959 μ s |
| Activetime | 15.906 μ s |
| Blank time | 5.053 μ s |
| Border(L / R) | 0.000 μ s |
| Data time | 15.906 μ s |
| Front porch | 0.749 μ s |
| Sync. width | 1.702 μ s |
| Back porch | 2.994 μ s |
| Sync. polarity | Positive |
| VERTICAL | |
| Frequency | 60.015Hz |
| Total time | 16.662 ms |
| Active time | 16.097ms |
| Blank time | 0.566 ms |
| Border(T / B) | 0.000 ms |
| Data time | 16.097ms |
| Front porch | 0.063 ms |
| Sync. width | 0.105 ms |
| Back porch | 0.377ms |
| Sync polarity | Positive |
| Dot Clock | 85.500MHz |
| Sync. Type | Separate |
| Scan Type | N/I |



14-3-2 Supported Modes (1)

| | | | | | |
|------------------|-----------|-----------|-----------|-----------|-----------|
| Timing No. | 2 | 3 | 11 | 17 | 32 |
| Originator | IBM | IBM | VESA | VESA | MAC |
| Mode Name | VGA2 | VGA3 | 640/72Hz | 640/75Hz | 640/67Hz |
| Resolution (HxV) | 720x400 | 640x480 | 640x480 | 640x480 | 640x480 |
| HORIZONTAL | | | | | |
| Frequency | 31.469kHz | 31.469kHz | 37.861kHz | 37.500kHz | 35.000kHz |
| Total time | 31.777μs | 31.778μs | 26.413μs | 26.667μs | 28.571μs |
| Active time | 26.058μs | 26.058μs | 20.825μs | 20.317μs | 21.164μs |
| Blank time | 5.720μs | 5.720μs | 5.588μs | 6.350μs | 7.407μs |
| Border(L / R) | 0.318μs | 0.318μs | 0.254μs | 0.000μs | 0.000μs |
| Data time | 25.422μs | 25.422μs | 20.317μs | 20.317μs | 21.164μs |
| Front porch | 0.318μs | 0.318μs | 0.508μs | 0.508μs | 2.116μs |
| Sync. width | 3.813μs | 3.813μs | 1.270μs | 2.032μs | 2.116μs |
| Back porch | 1.589μs | 1.589μs | 3.810μs | 3.810μs | 3.175μs |
| Sync. polarity | Negative | Negative | Negative | Negative | Negative |
| VERTICAL | | | | | |
| Frequency | 70.087Hz | 59.940Hz | 72.809Hz | 75.000Hz | 66.667Hz |
| Total time | 14.268ms | 16.683ms | 13.735ms | 13.333ms | 15.000ms |
| Active time | 13.155ms | 15.761ms | 13.100ms | 12.800ms | 13.714ms |
| Blank time | 1.113ms | 0.922ms | 0.635ms | 0.533ms | 1.286ms |
| Border(T / B) | 0.222ms | 0.254ms | 0.211ms | 0.000ms | 0.000ms |
| Data time | 12.711ms | 15.253ms | 12.678ms | 12.800ms | 13.714ms |
| Front porch | 0.191ms | 0.064ms | 0.026ms | 0.027ms | 0.086ms |
| Sync. width | 0.064ms | 0.064ms | 0.079ms | 0.080ms | 0.086ms |
| Back porch | 0.858ms | 0.794ms | 0.528ms | 0.427ms | 1.114ms |
| Sync polarity | Positive | Negative | Negative | Negative | Negative |
| Dot Clock | 28.322MHz | 25.175MHz | 31.500MHz | 31.500MHz | 30.240MHz |
| Sync. Type | Separate | Separate | Separate | Separate | Separate |
| Scan Type | N/I | N/I | N/I | N/I | N/I |

14-3-3 Supported Modes (2)

| | | | |
|------------------|----------------|----------------|----------------|
| Timing No. | 13 | 14 | 18 |
| Originator | VESA | VESA | VESA |
| Mode Name | 800/60Hz | 800/72Hz | 800/75Hz |
| Resolution (HxV) | 800x600 | 800x600 | 800x600 |
| HORIZONTAL | | | |
| Frequency | 37.879kHz | 48.077kHz | 46.875kHz |
| Total time | 26.400 μ s | 20.800 μ s | 21.333 μ s |
| Active time | 20.000 μ s | 16.000 μ s | 16.162 μ s |
| Blank time | 6.400 μ s | 4.800 μ s | 5.171 μ s |
| Border(L / R) | 0.000 μ s | 0.000 μ s | 0.000 μ s |
| Data time | 20.000 μ s | 16.000 μ s | 16.162 μ s |
| Front porch | 1.000 μ s | 1.120 μ s | 0.323 μ s |
| Sync. width | 3.200 μ s | 2.400 μ s | 1.616 μ s |
| Back porch | 2.200 μ s | 1.280 μ s | 3.232 μ s |
| Sync. polarity | Positive | Positive | Positive |
| VERTICAL | | | |
| Frequency | 60.317Hz | 72.188Hz | 75.000Hz |
| Total time | 16.579ms | 13.853ms | 13.333ms |
| Active time | 15.840ms | 12.480ms | 12.800ms |
| Blank time | 0.739ms | 1.373ms | 0.533ms |
| Border(T / B) | 0.000ms | 0.000ms | 0.000ms |
| Data time | 15.840ms | 12.480ms | 12.800ms |
| Front porch | 0.026ms | 0.770ms | 0.021ms |
| Sync. width | 0.106ms | 0.125ms | 0.064ms |
| Back porch | 0.607ms | 0.478ms | 0.448ms |
| Sync polarity | Positive | Positive | Positive |
| Dot Clock | 40.000MHz | 50.000MHz | 49.500MHz |
| Sync. Type | Separate | Separate | Separate |
| Scan Type | N/I | N/I | N/I |

14-3-4 Supported Modes (3)

| | | | | |
|---|--|--|--|--|
| Timing No. Originator Mode Name Resolution (HxV) | 15 VESA 1024/60Hz 1024x768 | 16 VESA 1024/70Hz 1024x768 | 19 VESA 1024/75Hz 1024x768 | VESA 1360/60Hz 1360x768 |
| HORIZONTAL Frequency Total time Activetime Blank time Border(L / R) Data time Front porch Sync. width Back porch Sync. polarity | 48.363kHz 20.677 μ s 15.754 μ s 4.923 μ s 0.000 μ s 15.754 μ s 0.369 μ s 2.092 μ s 2.462 μ s Negative | 56.476kHz 17.707 μ s 13.653 μ s 4.053 μ s 0.000 μ s 13.653 μ s 0.320 μ s 1.813 μ s 1.920 μ s Negative | 60.023kHz 16.660 μ s 13.003 μ s 3.777 μ s 0.000 μ s 13.003 μ s 0.323 μ s 1.219 μ s 2.235 μ s Positive | 47.712kHz 20.959 μ s 15.906 μ s 5.053 μ s 0.000 μ s 15.906 μ s 0.749 μ s 1.702 μ s 2.994 μ s Positive |
| VERTICAL Frequency Total time Active time Blank time Border(T / B) Data time Front porch Sync. width Back porch Sync polarity | 60.004Hz 16.666ms 15.880ms 0.786ms 0.000ms 15.880ms 0.062ms 0.124ms 0.600ms Negative | 70.069Hz 14.272ms 13.599ms 0.672ms 0.000ms 13.599ms 0.053ms 0.106ms 0.513ms Negative | 75.029Hz 13.328ms 12.795ms 0.533ms 0.000ms 12.795ms 0.017ms 0.050ms 0.466ms Positive | 60.015Hz 16.662ms 16.097ms 0.566ms 0.000ms 16.097ms 0.063ms 0.105ms 0.377ms Positive |
| Dot Clock | 65.000MHz | 75.000MHz | 78.750MHz | 85.500MHz |
| Sync. Type | Separate | Separate | Separate | Separate |
| Scan Type | N/I | N/I | N/I | N/I |

14-4 Panel Description

| Maker | VENDOR P/N | PANEL_CODE | PANEL_ABB | STICKER_CODE | Remarks |
|-------|-------------------|-------------|-----------|--------------|---|
| SEC | LT140X1-002 | BN07-00004A | SA | BN68-00239H | - |
| SEC | LT150XS-L01 | BN07-00009A | SB | | - |
| SEC | LT150XS-L01-B | BN07-00022A | SC | | - |
| SEC | LTM150XS-L02 | BN07-00005A | SD | | - |
| SEC | LT181E2-132 | BN07-00001A | SE | | - |
| SEC | LT150XS-T01 | BN07-00010A | SF | | - |
| SEC | LTM181E3-132 | BN07-00019A | SG | | - |
| SEC | LT170E2-131 | BN07-10001D | SH | | - |
| SEC | LT181E2-131 | BN07-10001E | SJ | | - |
| SEC | LTM170E4-L01 | BN07-00018A | SK | | - |
| SEC | LTM240W1-L01 | BN07-00015A | SL | | - |
| SEC | LTM213U3-L01 | BN07-00016A | SM | | - |
| SEC | LTM150XH-L01 | BN07-00026A | SN | | - |
| SEC | LTM150XH-L03 | BN07-00027A | SP | | - |
| SEC | LTM150XS-L01 | BN07-00032A | SQ | | DELL(ZPD) |
| SEC | LTM181E4-L01 | BN07-00034A | SR | | PVA |
| SEC | LTM170EH-L01 | BN07-00036A | SS | | TN |
| SEC | LTM170E5-L01 | BN07-00037A | SU | | PVA |
| SEC | LTM150XH-L11 | BN07-00041A | SV | | - |
| SEC | LTM213U4-L01 | BN07-00039A | SW | | PVA |
| SEC | LTM150XH-L01(ZPD) | BN07-00045A | SX | | ZPD |
| SEC | LTM150XH-L04 | BN07-00046A | SY | | New panel with high brightness |
| SEC | LTM170W1-L01 | BN07-00047A | SZ | | Panel for TV |
| SEC | LTM150XH-L06 | BN07-00053A | EA | | Panel for TV/ High luminance for 450cd _ SONY&EOS Team Panel for TV |
| SEC | LTM153W1-L01 | BN07-00054A | EB | | Use NIKE MODEL |
| SEC | LTM170EH-L05 | BN07-00055A | EC | | Panel EOS proj. for high brightness of 17" EH-L05 |
| SEC | LTM170E5-L03 | BN07-00056A | ED | | Dell 1702FP pro. E4. EH mechanical Compatible |
| SEC | LTM190E1-L01 | BN07-00057A | EE | | DELL 1900 FP |
| SEC | LTM181E5-L01 | BN07-00061A | EF | | 18" narrow bezel GH18PS |
| SEC | LTM150XP-L01 | BN07-00065A | EG | | AMLCD PVA PANEL |
| SEC | LTM240W1-L02 | BN07-00062A | EH | | Panel for 15" Wide TV |
| SEC | LTM170EU-L01 | BN07-00071A | EJ | | Slim design, TN |
| SEC | LTM170E5-L04 | BN07-00072A | EK | | E5-L04 6 bits FRC... for IBM |
| SEC | LTA220W1-L01 | BN07-00074A | EL | | Panel for 22" TV |
| SEC | LTM170E6-L02 | BN07-00075A | EM | | AMLCD Narrow & slim design 17" PVA mode |
| SEC | LTM170W1-L01 | BN07-00082A | EN | | LTM170W1-L01 ZPD panel |
| SEC | LTM170EH-L01 | BN07-00080A | EP | | LTM170EH-L01 ZPD panel |
| SEC | LTM170E5-L01 | BN07-00081A | EQ | | LTM170E5-L01 ZPD panel |
| SEC | LTM170EH-L05 | BN07-00083A | ER | | LTM170EH-L05 ZPD panel |
| SEC | LTM170E5-L03 | BN07-00084A | ES | | LTM170E5-L03 ZPD panel |
| SEC | LTM170EU-L01 | BN07-00085A | ET | | LTM170EU-L01 ZPD panel |
| SEC | LTM170E5-L04 | BN07-00086A | EU | | LTM170E5-L04 ZPD panel |
| SEC | LTM170E6-L02 | BN07-00087A | EV | | LTM170E6-L02 ZPD panel |
| SEC | LTM150XH-L06 | BN07-00091A | EW | | Color coordinates change for LCD TV |
| SEC | LTM153W1-L01 | BN07-00092A | EX | | AMLCD WIDE 15",9/10 |
| SEC | LTM170W1-L01 | BN07-00100A | EY | | Color Coordinates change code management |
| SEC | LTM170EH-L05 | BN07-00097A | EZ | | LTM170E5-L05 Color Coordinates Change Panel Code |

14 Reference Information

| Maker | VENDOR P/N | PANEL_CODE | PANEL_ABB | STICKER_CODE | Remarks |
|-------|--------------|-------------|-----------|--------------|--|
| SEC | LTA400W1-L01 | BN07-00109A | S1 | | PANEL of AMLCD 40" TV |
| SEC | LTM153W1-L01 | BN07-00110A | S2 | | Color coordinates change 0.280/0.290, 10000k & ZPD Panel |
| SEC | LTM150XH-L06 | BN07-00111A | S3 | | Color coordinates change 0.280/0.290, 10000k & ZPD Panel |
| SEC | LTM170W1-L01 | BN07-00112A | S4 | | Color coordinates change 0.280/0.290, 10000k & ZPD Panel |
| SEC | LTM170EH-L05 | BN07-00113A | S5 | | Color coordinates change 0.280/0.290, 10000k & ZPD Panel |
| SEC | LTM220W1-L01 | BN07-00114A | S6 | | ZPD Panel for AMLCD 22" TV |
| SEC | LTM150XH-L06 | BN07-00117A | S7 | | ZPD Panel code |
| SEC | LTM153W1-L01 | BN07-00118A | S8 | | ZPD Panel code |
| SEC | LTM170WP-L01 | BN07-00119A | S9 | | PVA Panel for NIKE |
| SEC | LTM213U4-L01 | BN07-00039A | E1 | | 21.3" NARROW |
| SEC | LTA260W1-L01 | BN07-00121A | E2 | | VENUS |
| SEC | LTA220W1-L01 | BN07-00074B | E3 | | "Panel B-level panel code for 22" TV Panel " |
| SEC | LTA320W1-L01 | BN07-00108A | E4 | | "Panel for AMLCD 32" TV" |
| SEC | LTM213U4-L01 | BN07-00124A | E5 | | NARROW BEZEL 21 " PANEL |
| SEC | LTM170E6-L04 | BN07-00129A | E6 | | "HIGHLAND 17"" LOW PANEL (Panel only for TCO03)" |
| SEC | LTM190E1-L01 | BN07-00088A | E7 | | LTM190E1-L01 ZPD panel |
| SEC | M150X4-L06 | BN07-00137A | E8 | | 15" Narrow & Slim panel |
| SEC | LTA170V1 | BN07-00139A | E9 | | "17"" Panel for Muse 4:3 VGA TV" |
| SEC | LTM190E1-L02 | BN07-00128A | E10 | | "New Panel from AMLCDI, Specification : 6bit Driver IC" |
| SEC | LTM170EX-L01 | BN07-00143A | E11 | | "Development new Panel from AMLCD" |
| SEC | LTM170E8-L01 | BN07-00144A | E12 | | "Development new Panel from AMLCD" |
| SEC | LTM170E6-L04 | BN07-00129B | E13 | | "ZPD panel for AMLCD (Panel only for TCO03)" |
| SEC | LTA320W1-L02 | BN07-00108B | E14 | | "Creat B-level Panel code for AMLCD 32" TV" |
| SEC | LTM190E1-L03 | BN07-00151A | E15 | | "Development new 19"" Panel form AMLCD (Panel only for TCO03)" |
| SEC | LTM240W1-L03 | BN07-00134A | E16 | | "AMLCD 24"" panel development" |
| SEC | LTM190E1-L02 | BN07-00128B | E17 | | "New Panel from AMLCD, Specification : 6bit Driver IC(ZPD)" |
| SEC | LTM190E4-L01 | BN07-00145A | E18 | | "AMLCD 24"" new panel development" |
| SEC | LTM170E8-L01 | BN07-00158A | E19 | | "ZPD code derivation" |
| SEC | LTM170EX-L01 | BN07-00159A | E20 | | "ZPD code derivation" |
| SEC | LTM190E1-L03 | BN07-00151B | E21 | | "Creat new panel code for AMLCD 19"" (Panel only for TCO03)" |
| SEC | LTA460H1-L01 | BN07-00157A | E22 | | "creat panel code for AMLCD 46"" TV " |
| SEC | LTM170EU-L11 | BN07-00160A | E23 | | "creat new panel code for AMLCD 17"" (Panel only for TCO03)" |
| SEC | LTM240W1-L03 | BN07-00134B | E24 | | "24"" panel ZPD code derivation" |
| SEC | LTM190E4-L01 | BN07-00145B | E25 | | "AMLCD 19"" ZPD Panel code derivation" |
| SEC | LTM240W1-L03 | BN07-00134B | E26 | | "24"" panel ZPD code derivation" |
| SEC | LTM150XO-L01 | BN07-00164A | E27 | | "AMLCD 15"" XO-L01 new panel development" |
| SEC | LTM150XO-L01 | BN07-00164B | E28 | | "AMLCD 15"" XO-L01 ZPD code derivation" |
| SEC | LTM170EU-L11 | BN07-00160B | E29 | | "AMLCD 17"" NEW panel code derivation" |
| SEC | LTA320W2-L01 | BN07-00172A | SPZ | | AMLCD 32" NEW panel |
| SEC | LTM213U4-L01 | BN07-00124B | SPZ | | 21.3" Narrow PANEL ZPD Panel derivation |
| SEC | LTM170EU-L11 | BN07-00189A | STH | | AMLCD EU-L11 Pb free panel code derivation |
| SEC | LTM170EU-L11 | BN07-00189B | STZ | | AMLCD EU-L11 Pb free panel ZPD code derivation |
| SEC | LTM240W1-L04 | BN07-00188A | SPH | | 24" A-DCC new panel development |
| SEC | LTM240W1-L04 | BN07-00188B | SPZ | | 24" A-DCC panel ZPD code derivation |
| SEC | LTM190EX-L01 | BN07-00191A | STH | | AMLCD 19" TN new Panel |
| SEC | LTM190EX-L02 | BN07-00191B | STZ | | AMLCD 19" TN new Panel ZPD derivation |
| SEC | LTA230W1-L02 | BN07-00184A | SPZ | | AMLCD 23" 16:9 new Panel |

| Maker | VENDOR P/N | PANEL_CODE | PANEL_ABB | STICKER_CODE | Remarks |
|----------|----------------|-------------|-----------|--------------|---|
| SEC | LTA260W2-L01 | BN07-00185A | SPZ | | AMLCD 26" 16:9 new Panel |
| SEC | LTM240M1-L01 | BN07-00195A | SPH | | 24" panel with high brightness deveipment |
| SEC | LTA400W2-L01 | BN07-00186A | SPZ | | AMLCD 40" 16:9 new Panel |
| SEC | LTM150XO-L01 | BN07-00197A | STH | | AMLCD 15" XO-L01 Pb free panel code |
| SEC | LTM150XO-L01 | BN07-00197B | STZ | | AMLCD 15" XO-L01 Pb free panel ZPD code |
| SEC | LTM170EU-L21 | BN07-00202A | STZ | | AMLCD EU-L21 ZPD new code derivation |
| SEC | LTA460W2-L03 | BN07-00187A | SPZ | | BEETOVEN 46"ZPD new panel |
| SEC | LTM240M1-L01 | BN07-00195B | SPZ | | 24" igh brightness panel ZPD code derivation |
| SEC | M170EX-L21 | BN07-00206A | STZ | | AMLCD LTM170EX-L21 ZPD new code derivation |
| SEC | LTA460H3-L01 | BN07-00200A | SPZ | | AMLCD 46" LED BLU panel |
| SEC | LTM170EU-L15 | BN07-00214A | STZ | | AMLCD EU-L15 TV high brightness ZPD new code derivation |
| SEC | LTM170E8-L21 | BN07-00218A | SPZ | | AMLCD LTM170E8-L21 PVA ZPD new code derivation |
| SEC | LTM190EX-L21 | BN07-00222A | STZ | | DISPLAY LCD |
| SEC | LTM201U1-L01 | BN07-00190B | SPZ | | AMLCD 20.1" Normal panel ZPD code derivation |
| SEC | LTM190E4-L21 | BN07-00223A | SPZ | | HAYDN 17" PZD code PANEL derivation |
| SEC | LTA570H1-L01 | BN07-00196A | SPZ | | AMLCD 57" new panel development |
| SEC | LTM150XO-L21 | BN07-00229A | STZ | | AMLCD 15" XO-L21 8ms panel code |
| SEC | LTA260W2-L11 | BN07-00239A | SPZ | | AMLCD 26" 16:9 7Line new Panel |
| SEC | LTA400WS-LH1 | BN07-00245A | SPZ | | AMLCD 40" 16:9 SPVA 90% new Panel |
| SEC | LTM213U6-L01 | BN07-00231A | SPZ | | AMLCD 21.3" PVA new Panel Code |
| SEC | LTA320WS-LH2 | BN07-00244A | SPZ | | AMLCD 32" 16:9 SPVA 90% new Panel |
| SEC | LTA400WS-LH1 | BN07-00245A | SPZ | | AMLCD 40" 16:9 SPVA 90% new Panel |
| CPT | CLAA150XG09 | BN07-00141A | PA | | "CPT 15"" Monitor new panel development" |
| CPT | CLAA170EA02 | BN07-00148A | PB | | "17"" CPT NEW development panel" |
| CPT | CLAA170EA02 | BN07-00148B | PC | | "17"" CPT ZPD panel code derivation" |
| CPT | CLAA150XG09 | BN07-00141B | PTZ | | "CPT 15"" panel ZPD code derivation (GOYA-PJT)" |
| CPT | CLAA150XP01 | BN07-00173A | PTH | | CPT 15" PSWG code derivation |
| CPT | CLAA150XP01 | BN07-00173B | PTZ | | CPT 15" PSWG panel ZPD code |
| CPT | CLAA170EA07 | BN07-00174A | PTH | | "CPT 17"" PSWG panel code derivation |
| CPT | CLAA170EA07 | BN07-00174B | PTZ | | CPT 17"" PSWG type new Panel code"" |
| CPT | CLAA170EA07 | BN07-00174B | PTZ | | CPT 17" PSWG type new Panel code |
| CPT | CLAA170EA07Q | BN07-00220A | PTZ | | CPT 17" PSWG R/T 8msec code derivation |
| CPT | CLAA170EA07Q | BN07-00220B | PTH | | CPT 17" PSWG R/T 8msec HPD code derivation |
| CPT | CLAA150XP01F | BN07-00236A | PTZ | | CPT 15" PSWG panel ZPD & Lead free code derivation |
| TOSHIBA | LTM15C419(A) | BN07-00002A | TA | | - |
| TOSHIBA | LTM15C423(B) | BN07-00006A | TB | | - |
| TOSHIBA | LTM18C161 | BN07-00008A | TC | | - |
| TOSHIBA | LTM15C443 | BN07-00031A | TD | | - |
| TOSHIBA | LTM15C458 | BN07-00043A | TE | | - |
| TOSHIBA | LTM15C458S | BN07-00077A | TF | | "TSB 15"" high brightness Panel" |
| TOSHIBA | LTM15C458 | BN07-00078A | TG | | Toshiba ZPD panel |
| TOSHIBA | LTM15C458S | BN07-00099A | TH | | TSB LTM15C458S (ZPD) |
| HANNSTAR | HSD150MX41A(A) | BN07-00020A | NA | | "TTL type" |
| HANNSTAR | HSD150MX12 | BN07-00030A | NB | | "TTL type" |
| HANNSTAR | HSD170ME13 | BN07-00180A | NTH | | Hannstar 17" TN new panel development |
| HANNSTAR | HSD170ME13 | BN07-00180B | NTZ | | Hannstar 17" TN new panel development ZPD code derivation |
| HANNSTAR | HSD190ME12 | BN07-00210A | NTZ | | Hannstar 19" TN new panel development |

14 Reference Information

| Maker | VENDOR P/N | PANEL_CODE | PANEL_ABB | STICKER_CODE | Remarks |
|----------|------------------|-------------|-----------|--------------|--|
| HANNSTAR | HSD150MX17-A | BN07-00226A | NTZ | | Hannstar 15" slim panel ZPD code derivation |
| TORISAN | TM150XG-22L03(A) | BN07-00021A | RA | | - |
| TORISAN | TM150XG-26L06 | BN07-00042A | RB | | - |
| TORISAN | TM181SX-76N01 | BN07-00048A | RC | | - |
| TORISAN | TM150XG-26L06 | BN07-00059A | RD | | 15" XGA TN MODE(ZPD) |
| TORISAN | TM290WX-71N31 | BN07-00063A | RE | | "RS24NS (TORISAN 29"" NEW PANEL)" |
| TORISAN | TM396WX-71N31 | BN07-00064A | RF | | "RS24NS (TORISAN 40"" NEW PANEL)" |
| TORISAN | TM150XG-26L09 | BN07-00073A | RG | | "Panel for 15"" TV" |
| TORISAN | TM150XG-26L10 | BN07-00089A | RH | | "L10(change except D/IC) ZPD" |
| TORISAN | TM150XG-26L10 | BN07-00090A | RJ | | L10 NORMAL |
| TORISAN | TM190SX-70N01 | BN07-00098A | RK | | Torisan 19" Panel |
| TORISAN | TM181SX-76N01 | BN07-00106A | RL | | ZPD Panel code |
| TORISAN | TM190SX-70N01 | BN07-00107A | RM | | ZPD Panel code |
| TORISAN | TM290WX-71N31 | BN07-00115A | RN | | "Color Coordinates change panel for TORISAN 29"" TV" |
| TORISAN | TM396WX-71N31 | BN07-00116A | RP,Q | | "Color Coordinates change panel for TORISAN 40"" TV" |
| TORISAN | TM220WX-71N31 | BN07-00125A | RR | | "Development TORISAN 22"" TV PANEL (ZPD)" |
| TORISAN | TM220WX-71N31 | BN07-00127A | RS | | "Development TORISAN 22"" TV PANEL (HPD)" |
| TORISAN | TM396WX-71N32A | BN07-00150A | RT | | 120V inverter Exclusive panel |
| TORISAN | TM190SX-70N02 | BN07-00154A | RMH | | Torisan 6bit panel code Derivation |
| TORISAN | TM190SX-70N02 | BN07-00154B | RMZ | | Torisan 6bit panel code Derivation |
| TORISAN | TM150XG-A01 | BN07-00162A | RTH | | Torisan 15" Narrow & Slim panel development |
| TORISAN | TM150XG-A01 | BN07-00162B | RTZ | | Torisan 15" N&S panel ZPD code Derivation |
| SHARP | LQ181E1DG11(A) | BN07-10001C | PA | | - |
| SHARP | LQ150X1LW71 | BN07-00067A | PB | | SHARP 15" PVA PANEL |
| SHARP | LQ370T3LZ41 | BN07-00216A | FAZ | | Rome2 |
| HITACHI | TX38D12VC0CAA(A) | BN07-00003A | HA | | - |
| HITACHI | TX43DVCOCAB | BN07-00060A | HB | | 17" SXGA PVA MODE |
| HITACHI | TX43D15VC0CAB | BN07-00101A | HC | | ZPD Panel |
| HITACHI | TX51D11VC0CAB | BN07-00122A | HD | | 20.1" NARROW |
| HITACHI | TX54D11VC0CAB | BN07-00123A | HE | | 21.3" NARROW |
| HITACHI | TX80D12VC0CAB | BN07-00169A | HIZ | | "Development new panel for Hitachi 32"" TV (ZPD)" |
| HITACHI | TX54D11VC0CAB | BN07-00123B | HIZ | | Hitachi 21.3"ZPD panel |
| IBM | ITSX94S | BN07-00017A | IA | | - |
| UNIPAC | UM170E0 | BN07-00028A | UA | | Loaded by cisdba |
| HYUNDAI | HT15X13 | BN07-00035A | DA | | - |
| HYUNDAI | HT17E11-200 | BN07-00049A | DB | | TN MODE |
| HYUNDAI | HT17E11-300 | BN07-00093A | DC | | HT17E11-300 ZPD panel |
| HYUNDAI | HT17E11-400 | BN07-00094A | DD | | HT17E11-400 normal panel |
| HYUNDAI | HT17E11-400 | BN07-00095A | DE | | HT17E11-400 ZPD panel code |
| HYUNDAI | HT17E12 | BN07-00096A | DF | | HT17E12 (Narrow & slim Design) |
| HYUNDAI | HT17E12 | BN07-00105A | DG | | ZPD Panel code |
| HYUNDAI | HT15X15-D00 | BN07-00146A | DH | | "Development for Ares 15"" Hydis TV" |
| HYUNDAI | HT15X15-D01 | BN07-00146B | DJ | | "Derivation panel HPD for Ares 15"" Hydis TV " |
| HYUNDAI | HT17E13-100 | BN07-00167A | DTH | | "PINEHURST-2(IBM) PJT 17"" HYDIS PANEL Derivation" |
| HYUNDAI | HT17E13-100 | BN07-00167B | DTZ | | "PINEHURST-2(IBM) Hydis 17"" ZPD code Derivation" |
| ACER | L170E3 | BN07-00044A | AA | | TN(ADT) |
| ACER | M170EN05 | BN07-00076A | AB | | AU 17" Panel (Narrow & slim design) |

| Maker | VENDOR P/N | PANEL_CODE | PANEL_ABB | STICKER_CODE | Remarks |
|--------|--------------|-------------|-----------|--------------|---|
| ACER | M170EN05 | BN07-00102A | AC | | ZPD Panel code |
| ACER | M190EN02 | BN07-00170A | AMH | | "AU Monitor 19"" new panel development (P19-1S)" |
| ACER | M190EN02 | BN07-00170B | AMZ | | "AU 19"" ZPD code derivation (ZPD)" |
| ACER | M170EN06 | BN07-00171A | ATH | | "AU Monitor 17"" New panel development " |
| ACER | T260XW01 | BN07-00163A | AMZ | | "AU 26"" new panel development (NF26EO)" |
| ACER | A201SN01 | BN07-00177A | ATZ | | "AU TV panel 20.1"" TN SVGA new panel development" |
| ACER | M170EN06 | BN07-00171B | ATZ | | AU Monitor 17" ZPD code derivation |
| ACER | T315XW01 | BN07-00194A | AMZ | | AU 32" new |
| ACER | M170EG01 | BN07-00192A | ATH | | AU TN PSWG type new Panel code |
| ACER | M170EG01 | BN07-00192B | ATZ | | AU TN PSWG type NEW panel code derivation |
| ACER | M190EN04 | BN07-00203A | ATH | | AU Monitor 19" ZPD new Panel code |
| ACER | T260XW02 | BN07-00208A | AMZ | | AUO 26" ZPD panel |
| ACER | M170EG01 V8 | BN07-00221A | ATZ | | AU TN PSWG type new Panel (8msec) ZPD code derivation |
| ACER | T260XW02 | BN07-00233A | AMZ | | AUO 26" Panel new (Cosmetic spec down grade) |
| ACER | T315XW01 | BN07-00234A | AMZ | | AUO 32" Grade new (Cosmetic spec down grade) |
| ACER | M190EN03 | BN07-00224A | AMZ | | AU Monitor 19" MVA new code derivation |
| ACER | T315XW01 | BN07-00237A | AMZ | | LCD TV VE project new |
| ACER | T315XW01 | BN07-00238A | AMZ | | LCD TV VE project new |
| ACER | M201UN02 V3 | BN07-00168A | AMZ | | |
| CHIMEI | M170E3-L01 | BN07-00050A | CA | | TN PANEL |
| CHIMEI | M150X3-L01 | BN07-00051A | CB | | COMPATIBLE |
| CHIMEI | M170E4-L01 | BN07-00052A | CC | | MVA PANEL |
| CHIMEI | M150X2-L01 | BN07-00066A | CD | | CHIMEI 15" PVA PANEL |
| CHIMEI | M150X3-L01 | BN07-00079A | CE | | Chimei ZPD panel |
| CHIMEI | M170E3-L01 | BN07-00103A | CF | | ZPD Panel code |
| CHIMEI | M170E4-L01 | BN07-00104A | CG | | ZPD Panel code |
| CHIMEI | V296W1-L01 | BN07-00120A | CH | | MVA |
| CHIMEI | M170E6-L02 | BN07-00126A | CJ | | HIGHLAND 17" LOW PANEL |
| CHIMEI | M190E2-L01 | BN07-00131A | CK | | GH19AS,BS CHIMEI PANEL |
| CHIMEI | M150X4-L06 | BN07-00137A | CL | | 15" Narrow & Slim panel |
| CHIMEI | M170E6-L01 | BN07-00133A | CM | | "2003-03-11 vendor change" |
| CHIMEI | M170E6-L01 | BN07-00133B | CN | | ZPD derivation panel |
| CHIMEI | V201V1-T01 | BN07-00135A | CP | | CHIMEI 20.1" panel development |
| CHIMEI | M170E6-L02 | BN07-00126B | CQ | | "HIGHLAND 17"" LOW PANEL ZPD derivation panel" |
| CHIMEI | M170E6-L05 | BN07-00152A | CR | | "CMO 17"" new panel development code" |
| CHIMEI | M170E6-L05 | BN07-00152B | CS | | "CMO 17"" ZPD panel code derivation" |
| CHIMEI | M150X4-L06 | BN07-00137B | CT | | Chimei 15" Narrow & Slim panel ZPD derivation |
| CHIMEI | M170E5-L05 | BN07-00165A | CTH | | CMO 17" new panel development code (GOYA2-PJT) |
| CHIMEI | M170E5-L05 | BN07-00165B | CTZ | | CMO 17" ZPD panel(GOYA2-PJT) |
| CHIMEI | V230W1-L02 | BN07-00209A | CMZ | | CMO 23" development |
| CHIMEI | V320B1-L01 | BN07-00207A | CMZ | | CMO 32" development |
| CHIMEI | V270W1-L01 | BN07-00136A | CMZ | | CHI MEI 27" panel development |
| NEC | SVA150XG04TB | BN07-00225A | BTZ | | SVA NEC 15" panel ZPD code |

Memo